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# Final Data Usability Summary and Resampling Proposal for Fort Sheridan

**March 22, 1996**



Prepared for: Fort Sheridan, Fort Sheridan, Illinois

By: U.S. Army Environmental Center
Aberdeen Proving Ground, Maryland, 21010



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Phase I Data Usability evaluation Report
Fort Sheridan

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Julia K. Tracy
**Print or Type Name**

J. K. Tracy
**Authorized Signature/Date**

410-679-7878
**Telephone Number**

# Final Data Usability Summary and Resampling Proposal for Fort Sheridan

## March 22, 1996

Fort Sheridan performed validation of data which had been collected during the Remedial Investigation (RI) in 1990-1991. As required by the Ft. Sheridan Overall Quality Assurance Project Plan (OQAPP), this validation was performed in accordance with the U.S. Environmental Protection Agency (EPA) Contract Laboratory Program National Functional Guidelines(NFG). The validation results were presented in a draft data validation report, which was reviewed by the EPA and Illinois EPA. Comments on the draft report are being addressed in a final version of the report expected to be completed in early 1996. Sufficient information exists in the draft report, and the regulatory comments, to now determine the extent of resampling that should provide assurance that the 1990-1991 dataset may be used with confidence in the future versions of the RI report. This plan describes the resampling to be performed. The basic approach discussed here was determined in discussions between Fort Sheridan, the EPA, Illinois EPA, the Army Environmental Center, and its RI consultant, Environmental Science and Engineering, Inc.

The data validation process resulted in qualifiers being assigned to the samples as shown in Table 1. The data received two general types of qualifiers that are discussed in this plan: R (meaning "rejected") and J (meaning "estimated"). The two qualifiers require two types of resampling to assure the 1990-1991 dataset is acceptable. Resampling of most of the R-flagged data will be conducted to replace the original data (except as discussed later in this plan). The J-flagged data will not be replaced, but at least 10% of the J-flagged samples will be retaken/reanalyzed and compared with the original results to provide an indication of overall data quality.

The draft data validation report presented the data in groupings of analytical lots, as compared to the grouping by sample number or sampling site in this plan. An analytical lot is the collection of samples that are analyzed by one analytical method in one day. Under the QA Program used for the 1990-1991 data, certain laboratory spikes and blanks are used to perform method control for each lot. All the laboratory documentation for samples is grouped by the lots, into data packages. These packages were used to perform the data validation, and the results were grouped in the data validation report by lots. Since the validation itself is not dependent on the location of a particular sample, or the usefulness of that sample in the RI, this lot grouping is acceptable for the validation report. However, when using the validation results to select which samples must have appropriate quality for the RI, a site-by-site grouping is necessary, and thus such a grouping is used in this plan.

The validation results have been placed into a database that includes the lots, the sample numbers, and the qualifiers assigned to each

analyte in each method. The complete database will be a part of the final validation report. Although the lot names shown in the validation report do not appear in the tables in this plan, the qualifiers assigned for every sample, which are shown in this plan, are taken from the database.

One U.S. EPA comment on the draft validation report, from their November 16, 1995 letter to Fort Sheridan, asked whether rejected data in certain lots should be retaken. Since this comment contains a resampling concern, rather than a validation concern, it is addressed in the site-by-site discussion below, but the lots are not mentioned. However, near the end of this plan, just prior to the conclusions section, the comment is discussed more fully to show that it was addressed.

## R-Flagged Data

In Table 1 the various types of qualifiers are tallied for each sample. The individual qualifiers are assigned to the individual analytes in each sample. For instance, one sample may have 15 analytical results for the various metals analyzed for in a typical method. The entire method could have a deficiency, such as lack of calibration checks, that could flag each of the analytes with an "R". Possibly the method itself was acceptable, but one analyte, like chromium, may have had a deficiency that caused it to receive an "R" flag. Some samples have many R flags, some have only 1 or 2, and many have none. Some analytes are responsible for the majority of the "R" flags, possibly due to a difficulty with that analyte in the method. It is not uncommon for organics methods especially to have difficulty consistently meeting the NFG specified limits for several analytes. These analytes may or may not be significant (or chemicals of concern) at Fort Sheridan, depending on whether they were detected in many samples or not. These issues were considered in the selection of resampling criteria.

The R-flagged data will be replaced unless (1) only 1 or 2 of the sample's analytes were flagged, and (2) such flagging was due to analytes that are typically difficult to quantify (and hence no analytical improvement during the resampling is likely), and (3) these analytes are not likely to be chemicals of concern at Fort Sheridan. The samples from Table 1 with at least 1 R-flagged analyte were considered for replacement. Table 2 shows these samples. The table indicates whether the sample will be rejected from any further use during the RI, and whether the sample will be replaced. For samples with only 1 or 2 rejected analytes the table shows the analytes responsible for the R-flagging, in order to be able to determine if they are typical "problem" analytes. Samples with 3 or more rejected analytes do not list the affected analytes in the table since these samples will be replaced regardless of what the affected analytes are. The reason for such a cutoff at 2 "R" flags is that 115 out of the 144 samples in Table 2 have 1 or 2 R-flagged analytes. Nearly all of these R-flags are due to a small set of analytes that are typically difficult to quantify within the NFG limits. Hence, little or no improvement in data quality may be possible if resampling/reanalysis is performed.

Also, if these analytes with the R-flags are not likely to be chemicals of concern at Ft. Sheridan, then retaking 115 samples solely to obtain NFG compliance with this small set of analytes is not beneficial to the Fort Sheridan RI and is not cost effective.

Table 2 shows that Methyl Ethyl Ketone (MEK) is the main problem analyte, responsible for flagging 102 of the samples. A check of all the Ft. Sheridan samples (i.e., soils, sediments, surface water, and groundwater) showed that there were no detections of MEK in any sample, implying that MEK is not a likely contaminant of concern at Fort Sheridan. Hence, no sample was rejected because of MEK rejection. The samples with rejected MEK will stay in the RI, though the results for the MEK will not be used. However, since MEK is not a likely concern, the loss of the MEK data should pose no problem. The other "problem" analytes from Table 2 are 2,4-dinitrophenol, 4,6-dinitro-2-cresol, methyl isobutyl ketone, cyanide, 4-nitroaniline, 2-chloroethylvinyl ether, benzoic acid, PCB 1016, and PCB 1260. As with the MEK, the entire Ft. Sheridan database was checked for detections of these analytes, and the results are shown in Table 3. Of these analytes, only cyanide and PCB 1260 were detected, and thus might be contaminants of concern. Any samples rejected due to these analytes may have to be replaced since valid data may be needed for these possible contaminants of concern. The only data that was affected by a questionable cyanide analysis was two (i.e., DW01 and DW02) of five existing drilling water samples, both of which were analyzed the same day (November 8, 1990). Since these drilling water results are not used to define contamination in the RI, but only to verify that the water source is appropriate for use, these samples would not be part of the dataset used in the risk assessment. Thus, rejection will not matter for these samples; they are not used in further RI calculations.

The detection of PCB 1260, at VES2 (see Table 3), shows that it does exist onsite and could be a contaminant of concern. Hence, the one sample that is affected by a rejection for PCB (i.e., in Table 2, Janes Ravine, site C-0130) will be resampled, to assure that valid results for PCB 1260 are obtained for this location.

This then addresses the samples in Table 2 with 1 or 2 rejected analytes. The remaining samples in Table 2 with more than 2 rejected analytes, with the exception of the SEWER site type samples, will each be retaken and analyzed for the same contaminants as was done in 1990-1991.

The SEWER samples were taken from the Ft. Sheridan storm sewer system, and the results were listed in the draft final RI report. However, the storm sewer data is not expected to be used in the next versions of the RI to determine risk. The storm sewers are not expected to be excavated, and to cause exposure, during future use of Ft. Sheridan, the material in the sewers is not considered a release, and the actual release points at the outfalls have been investigated and the data from these outfalls will be used to determine risk. Thus, resampling of the sewer interior locations with rejected data is not considered necessary since a complete dataset from the 1990-1991 sampling locations will not be needed or used in the RI.

Note from Table 2 that every groundwater sample will be retaken. Since groundwater conditions are often changing at a site, and since the last groundwater data at Fort Sheridan was taken in 1991, at least two additional sampling rounds at all the wells are planned during the RI in order to obtain current information. Even without the 1990-1991 dataset, these two rounds of data should be sufficient for the RI. Hence, no site-specific resampling of groundwater is planned since essentially 100% resampling is being conducted.

## J-Flagged Data

Based on Illinois EPA comments on the data validation report, the inorganics data (i.e., graphite furnace spectroscopy and Inductively Coupled Argon Plasma Spectroscopy) and pesticides/PCBs/herbicides data (i.e., Gas Chromatograph/Electron Capture (GC/EC) methods) data will be considered as J-flagged, and screening level, data until confirmed by a minimum of 10% resampling and analysis conducted according to the data quality protocols described in the project OQAPP. A comparison of the original and the corresponding new data will then be made to determine if the entire set of original 1990-1991 results may be used in the RI and the risk assessment.

Such a comparison will be complicated. Because of the variation inherent in performing current analytical methods, a difference of up to 20-50% between the original and new data could be found and not be indicative of analytical problems in 1990-1991. Another major source of variation will be the samples themselves. Surface water and sediment sites will not be resampled (other than to replace rejected samples as discussed above) since the water and sediment sampled in 1990-1991 has likely changed in composition, preventing a reasonable comparison between the original and new results. The soil samples offer the best chance of an effective comparison. Probably the soil contaminant levels have not changed significantly since 1990-1991, especially in the subsurface and especially for the inorganics that are the focus of this resampling. However, soils often show a significant variation in composition between even fairly close sampling points. To try to minimize this, the soil samples will be retaken as near to the original soil sample sites as possible. Variation will be impossible to avoid, however, since the surface soil sampling locations were not required to be surveyed in 1990-1991, but rather were estimated by tape from the nearest surveyed location. A difference of 5-10 feet from the original location is likely to occur. The soil boring locations generally were surveyed since monitor wells were intended to be installed in most of them. However, since it is necessary to avoid disturbing the wells, the resampling of the soil boring locations will have to be conducted 10-20 feet away from the original boring locations. In the cases where test pit samples will be retaken, a soil boring will be used instead of a test pit. The reasons for this are (1) that the boring will be less intrusive than the test pit, (2) the visual waste characterization advantages of a test pit will not be needed, only the samples themselves, and (3) the test pit would provide no better sample site duplication since the exact location of the original sample within the

pit was not recorded. Whether a soil boring or test pit is used to retake a test pit sample, there will still be a likely 2-10 foot separation between the 1990 samples and the 1996 samples. Since the exact sampling points cannot be exactly duplicated, some variation in analytical results will likely be indicative of sample composition differences rather than potential analytical problems in 1990-1991.

The number of non-groundwater samples taken during the RI, as shown in Table 1, is approximately 404. Not all of these are appropriate for resampling as discussed below:

a. The RI included 47 soil samples at the Underground Fuel Storage Tank sites (i.e., buildings 115, 125,and 208). Since petroleum releases are excluded from regulation under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), these sites are being addressed under the underground fuel storage tank closure provisions of the State and Federal laws, and will not be included in the future submissions of the revised RI. Additional soil data is being, or has been, obtained to document the tank closures; the existing RI data is not being used either in those closures or in the future RI. Hence, resampling of these sites will not be conducted.

b. The RI included sampling of some of the buildings, shown in the soils database (i.e., media type CSO in Table 1) as 14 wipe samples. Listed under building interior samples (i.e., media type CBI in Table 1) are also 6 concrete cores and 3 wood cores of the floors of some buildings. These areas are not being included in the future versions of the RI since they are not considered by the Army an environmental release under CERCLA. The condition of building interiors in the Surplus Operable Unit is being documented by the Army separately from the RI.

c. The RI included 16 samples of surface soils in various ditches and outfalls, and 25 samples in the sewer system. Since these locations likely continued to receive some flow after 1990-1991, the soils are likely to have changed in composition. Hence, resampling of ditches and outfalls to verify the original results would not indicate variation in laboratory effectiveness, but rather variation in the samples. As noted above in the discussion of the rejected SEWER samples, the sewer samples will not be used to determine risk in the RI, and hence the sewer sample dataset will not be resampled to help verify the quality of J-flagged data.

The data mentioned in a, b, and c above will not be a part of the resampling. Deleting these samples from the 404 total leaves 296 samples needing a 10% resampling effort to effectively check the validity of the original analytical methods. At least 30 samples then must be retaken to satisfy this requirement. These samples will be 100% validated before being used for comparison with the original 1990-1991 results. Since a completely valid resample effort is needed, roughly a 15% resampling (i.e., 44 samples) will actually be planned in order to assure that field sampling or laboratory problems do not reduce the valid data percentage below 10%.

Since not all of the RI samples were analyzed by all of the methods (i.e, inorganics, PCBs by GC/EC, pesticides/herbicides by GC/EC, and herbicides by GC/EC), the actual basis for the resampling percentage may be different than 296 samples. This is discussed in the summary below.

A mixture of considerations were used in selecting the samples, including:

-to assure that major sites of concern to the BRAC process (i.e., each of the landfills) would be sampled,

-to sample sites with the highest known risks from the RI,

-to sample some sites with low levels of contaminants,

-to sample sites with the highest concentrations of the contaminants which cause the majority of the risks, and

-to sample a variety of soil depths.

Note also that reanalysis for PAHs is also planned at many of the sites. For some sites, there was no particular advantage to be gained for the analyses in question by picking certain sample locations. Any of them would be acceptable. However, PAHs were risk "drivers" at several sites, and it would be beneficial to resample these locations using the new PAH method described in the OQAPP. Hence, at several sites, the presence of comparatively high PAH levels was the criteria for picking resampling locations.

The samples which were selected are shown in Table 4 and are discussed individually below. The samples are discussed by RI site in the order the sites appeared in the RI. Note that Table 4 lists a resample number, R#, assigned to allow convenient counting of samples. It also lists which of the analyses were performed, and which must be performed again. To support the discussion below, Tables 5, 6, 7, and 8 are attached to show the soil sample detections of thallium, pesticides/herbicides, PCBs, and PAHs, respectively. Thallium and PAHs are noted as risk "drivers" in the RI report. Thallium, pesticides/herbicides, and PCBs are currently screening level data based on the draft data validation report and Illinois EPA comments. These tables are sorted alphabetically by the site ID, which generally coincides with the first letter(s) of the site name. Table 9 is included to show by site the hazard quotients and carcinogenic risks calculated in the draft final RI report, and the percentages of J-flagged analytes in the various samples at each site.
Samples that had a large percentage of their analytes J-flagged were more likely to be selected for resampling.

Landfill 1

The only samples considered for resampling were from the 4 and 14 foot depths of boring 3S, which had comparatively high lead, zinc, and PAH values. However, both of these depths were logged during the RI as fill

material (i.e., ash, cinders, brick). This is consistent with the location of the boring in the middle of a filled former ravine. Such material would be expected to be very nonhomogeneous. A well was completed in this boring and to prevent disturbance of this well any resampling would be conducted 10-20 feet away from the original sample. The likely high variability in the material, and distance between the samples, would prevent our obtaining another sample with nearly the same composition as the original. Hence, a reasonable comparison of laboratory methods alone could likely not be done, and resampling is not proposed. No other samples at this site exhibited unusual metals results, and pesticides/herbicides/PCBs were not sampled/analyzed for at this site. No resampling is proposed at landfill 1.

Landfill 2

This site was listed in the draft final RI report as having a risk of 1.2x10(-5) for future use, primarily due to PAHs. Twenty six samples were listed in the draft final RI. The metals results were reasonably uniform and low, and pesticides/herbicides/PCBs were not analyzed for. One of the proposed resamples, at LF2SB03, serves only to confirm low levels of metals at the surface. The remaining five resamples also accomplish this, but they were selected to allow the Army to check comparatively high (i.e., 0.3-10 ppm) PAH concentrations, which account for the majority of the risks for this site.

Landfill 3

This site was noted in the draft final RI as having a risk concern from thallium, DDT, and RDX. Pesticides or explosives analyses were not conducted at this site, and the risks were evidently due to "lumping" with another site. Inorganics analyses were performed and thallium was detected at moderate levels at sample locations LF3SB01 and LF3SB04D (see Table 5). Note that separate site IDs for landfills 3 and 4 were not used in the RI, apparently since the landfills border each other. LF3 was used as the site ID for both the landfill 4 and landfill 3 samples. Of the 5 sample locations labelled as LF3* in the draft final RI (see Table 1), two were sited at Landfill 3 (i.e., SB04D and SB05) and three were sited at Landfill 4 (i.e., SB01, SB02, and SB03). The two locations at landfill 3 produced a total of six samples, which are all proposed for resampling. All six samples had generally low concentrations of inorganics, except for the detected thallium in SB04D. All these results will be confirmed by retaking all six samples. The results at landfill 3 are not unusual compared to most of the other RI sites; these six samples were selected mainly to assure that Landfill 3 was represented in the resampling.

Landfill 4

The risk information noted above for landfill 3 applies also to landfill 4, since the two sites were lumped in the draft final RI.
The four samples noted for resampling in Table 4 were selected due to the large percentages of J-flagged data in the samples (see Table 1), to confirm the presence of thallium, to obtain a variety of depths for resampling, and because one sample (near the surface) had comparatively

high PAHs (i.e., sample see Table 8). While not a concern at this site, or a data validation concern, PAHs are risk drivers at other sites and some additional confirmation for these analytes may be useful. The low inorganics results for these samples, and the moderate levels of thallium, will all be confirmed.

Landfill 5

The draft final RI noted thallium as a risk driver for Landfill 5. Of the 11 samples that were taken, three samples were selected for resampling due to the large percentage of J-flags (i.e., in excess of 50% of the analytes were flagged J as shown in Table 1). Also, PAHs were detected in these samples (see Table 8) and the thallium concentration was comparatively high (see Table 5).

Landfill 6

The three samples from boring number 3 were selected for resampling since this was the only soil boring, out of four at this landfill, where thallium was detected. Thallium is a risk driver for this site. Zinc and chromium were also higher in this boring than in the other three. The other two RI-listed risk drivers, RDX and DDT, were not sampled for at this site, and were apparently noted due to lumping with another site.

Landfill 7

Soil boring three with its three samples was selected for resampling since it was the only boring where thallium was detected at Landfill 7. Thallium is a risk driver for this site. The selected samples will also allow confirmation of low chromium results; chromium is another RI-listed risk driver.

Coal Storage Area 1

The draft final RI listed a fairly low risk for this site, but test pit 1 at this site was selected since one of its two samples had the highest value of thallium (254 ppm) measured onsite in the soils. Thallium is the RI-listed risk driver for this site.

Coal Storage Area 2

No samples were selected from this site. This site was shown to have relatively low risk in the draft final RI (see Table 9). One of the listed risk drivers, zinc, did not have particularly unusual results at CSA2. Zinc results from other sites will provide the same comparison information. Of the remaining two listed risk drivers, RDX and DDT, neither was sampled for at this site and "lumping" apparently caused them to be listed as concerns. Also, RDX, an explosive, is not a validation concern.

Coal Storage Area 3

This site was listed in the RI as having one of the higher risks (e.g., exceeding 1x10(-4) carcinogenic risk for future use, see Table 9), due to PAHs, thallium, and zinc. Thallium and comparatively high values of PAHs (i.e., over 10 ppm) were detected in the one sample at test pit 1 selected for resampling. The second of the two test pits at this site did not have appreciably different zinc concentrations from test pit 1. Either test pit provides the inorganics comparison data needed; test pit 1 has the advantage of allowing verification of the high PAH levels.

Coal Storage Area 4

This site had the highest future carcinogenic risk listed in the draft final RI, with risk and hazard drivers listed as PAHs, thallium, and zinc. Four samples were taken in the RI, and all 4 are proposed for resampling. Thallium and PAHs were detected in all the samples selected. Test pit 2 in particular had the highest PAH concentrations (see Table 8) of all the Ft. Sheridan soil samples.

Vehicle and Equipment Storage Area 1

This is a low risk site (based on the draft final RI), and the analytical methods requiring verification were not conducted during the 1990-1991 RI. Only GC/MS volatile organic compounds and BNAs analyses were originally planned and conducted at the VES sites. None of the RI-listed risk "drivers", zinc, RDX, or DDT, were analyzed for in the RI. They were apparently listed as risk "drivers" due to lumping with other sites. Hence, no comparison of methods is needed, and no samples were selected for resampling.

Vehicle and Equipment Storage Area 2

Although the explanation for VES 1 applies, one sample was selected for resampling. This sample had the only detection of PCBs seen in the soils during the RI. However, this result came from the GC/MS BNA analysis, rather than the GC/EC PCB analysis which is being verified as part of this effort. The GC/EC method for PCBs had not been planned for this site since PCBs were not expected. It is useful to confirm this result with another sample using the current PCB method approved in the OQAPP.

Vehicle and Equipment Storage Area 5

Same as VES 1, except the only listed risk "drivers" were chloride and sulfate, neither of which involves an analytical method requiring verification.

Vehicle and Equipment Storage Area 6

Same as VES 1, except the only listed risk "drivers" were chloride and sulfate, neither of which requires verification.

Vehicle and Equipment Storage Area 7

Same as VES 1.

Vehicle and Equipment Storage Area 9

Same as VES 1, except that the draft final RI listed very low risk and highlighted no risk drivers.

As discussed above, the following 3 locations are no longer part of the RI:

Building 115 Underground Storage Tank

Building 125 Underground Storage Tank

Building 208 Underground Storage Tanks

Bldgs 137X, 137, and 139 Storage Areas

This is a low risk site, and no risk drivers were listed in the draft final RI. One test pit (number 4) at B137 had consistent detections of several PAHs, but the levels were comparatively low, and the PAH method does not require verification. GC/EC methods were not used here and hence no comparison is needed. Inorganics were analyzed for, however, verification resampling at other sites provides an adequate number of samples for verification. No resampling is planned.

Building 122 Storage Area

This site had minimal risk (based on the RI) and the only listed risk "driver" was PAHs. However, many of the RI's GC/EC pesticide/herbicide/PCB analyses were conducted at this site and thus provide the opportunity for verification comparison. Four samples will be retaken. One, at soil boring 1, will help confirm the accuracy of one of the 3 existing pesticides detections in a soil boring (see Table 6). Most of the pesticides detections (22 of them) were in the watercourses, manholes, and outfalls, where changed conditions over the last 4 years make a valid comparison of only laboratory procedures unlikely or impossible. The second sample selected, at soil boring 8, will help confirm some comparatively high (e.g., >= 10 ppm) PAH detections while also confirming nondetect of pesticides/herbicides/PCBs. The third and fourth samples at borings 12 and 13 will confirm nondetects of pesticides/herbicides/PCBs.

Miscellaneous Yard Area at Bldg 126

The draft final RI listed minimal risk, and no risk "drivers", for this site. However, again many of the RI's GC/EC pesticide/herbicide/PCB analyses were conducted at this site and thus provide the opportunity for verification comparison. Also, many of the analyses for organochlorine herbicides (i.e., 2,4-D and 2,4,5-T by GC/EC)) were conducted at this site and require verification. There were no detections of these herbicides, but the nondetections will be verified.

Three samples from one boring (i.e., SB01) are planned at this site. The surface sample will verify one of the 3 pesticide detections found in Ft. Sheridan soil borings. The other two samples from this boring will verify comparatively low metals results, and nondetects in all the GC/EC methods.

Miscellaneous Yard Area at Bldg 128

A low risk site with no unusual contamination. None of the analyses requiring verification were conducted here in the draft final RI, hence, no resampling is needed or planned.

Miscellaneous Yard Area at Bldg 216

Test pit B216TP1 provided data in the draft final RI for metals in samples taken 4 and 7 feet deep, however the data was not found in the Army Environmental Center's Installation Restoration Data Management Information System database and was not validated in the recent NFG validation. Hence, these 2 samples will be rejected and retaken. These 2 samples are shown in the upper section of table 4 with other samples that will replace 1990-1991 data.

Miscellaneous Yard Area at Bldg 368

Listed as moderate risk site (e.g., risk >1x10(-5) for future use), but contamination is not comparatively high. None of the analyses requiring verification were conducted here in the draft final RI, hence, no resampling is needed or planned.

Miscellaneous Yard Area at Bldg 377

Listed as moderate risk site (e.g., 3.3x10(-5) for future use)in the RI due to chromium, but measured levels of this and other contaminants is not comparatively high. Risk may be due to "lumping" with other similar yard areas with higher contamination. Adequate "re-samples" for the metals and GC/EC methods are selected from other sites; no resampling is planned at building 377.

Miscellaneous Yard Area at Bldg 902

Listed in the draft final RI as a low risk site with no unusual contamination. None of the analyses requiring verification were conducted here in the draft final RI, hence, no resampling is needed or planned.

Building 43

The only RI sample was in a manhole, which was cleaned out in 1995 as part of a time-critical removal action. Hence there is no opportunity to obtain a comparison sample; no resampling is planned.

Building 70

The only samples at this site were of the wood floor inside the building. See discussion above regarding building interiors.

Building 122

Wipe samples were taken of the interior of this building. See discussion above regarding building interiors.

Building 137

Wipe samples were taken of the interior of this building. See discussion above regarding building interiors.

Building 139

Cores were taken of the concrete floor and wipe samples were taken in this building. See discussion above regarding building interiors.

Building 142

Wipe samples were taken of the interior of this building. See discussion above regarding building interiors.

Building 361

Wipe samples were taken of the interior of this building. See discussion above regarding building interiors. A sediment sample was taken in a manhole. Changing conditions invalidate this location for comparison use.

Missile Fueling Point

A low risk site, based on the draft final RI. The three samples selected for resampling were chosen to provide some low inorganics levels for comparison. Thallium and RDX are listed in the RI as the risk "drivers". The thallium data will be verified by the resampling. RDX was not detected at this site, and apparently was listed due to lumping with another site. The RDX does not require verification as the explosives method is not in question.

NIKE Missile Silos

Original samples were taken in the silos or were of the water which filled the silos. The water and sediments in the silos are likely to have changed in composition and would provide less effective comparison samples than soil samples from other locations on Ft. Sheridan. No resampling is planned here.

The following nine locations had water and sediment samples taken in the RI. As discussed above, due to changing conditions from continued water flow, they would not provide effective, consistent samples with which to measure laboratory procedures.

Janes Ravine

Airport Drain

Hutchinson Ravine

Scott Loop Drain

Bartlet Ravine

Officer Family Housing Drain

Van Horne Ravine

Landfill 7 Black Pipe

Shenck Ravine

## EPA Comments

EPA provided the following comment on the draft validation report:

"The following lots have "R" qualifiers. Are any of these analytes contaminants of concern at their respective sites? If so, a resampling or further investigation should occur.

| Lot | Analysis Type | Media | #Samples |
|---|---|---|---|
| UBQ | VOA GC/MS | Water | 3 |
| UQJ | VOA GC/MS | Soil | 7 |
| UPK | BNA GC/MS | Soil | 7 |
| ULP | BNA GC/MS | Water | 1 |
| VDV | BNA GC/MS | Soil | 10 |
| UCE | Spectrophoto-metric | Water | 2" |

Response:

A check of the IRDMIS database at USAEC shows that lot UBQ actually contains one sample, sample number TSHDW1*2 (see Table 2), which is a drilling water sample. The listing of three samples in the draft validation report is an error which will be corrected. As noted above in the discussion of rejected samples, this sample was rejected because of cyanide, and cyanide may be a contaminant of concern at Fort Sheridan. However, since this drilling water sample does not itself characterize the Ft. Sheridan site, and will not be used in the risk assessment, the sample will not be retaken.

The listing of lot UQJ appears to be a typo in the comment; lot UQJ does not exist. Rather, lot VQJ has the stated 7 VOA samples in the soil media. The samples are:

FTSHS6*4

FTSHS6*5
FTSHS6*6
FTSHS6*7
TSHS6*11
TSHS6*13
TSHS6*14

These samples each contain rejected analytes and are each being retaken (see table 4).

The listing of lot UPK appears to be a typo in the comment; there is no lot UPK. Rather, lot UDK does exist and contains the 7 stated soil BNA samples. The samples are:

FTSHS2*1
TSHS1*28
TSHS1*29
TSHS1*30
TSHS1*31
TSHS1*32
TSHS1*33

Only the first sample had any rejected analytes (see tables 1 and 2), but this sample was from the chemical separator at building 43, which has been removed, and no resampling is possible.

Lot ULP contains the one sample TSHDW1*5, which is a drilling water sample. The analytes causing rejection were MEK and 4-nitro aniline, which are not likely contaminants of concern at Fort Sheridan since they were not detected. Since this is a drilling water sample, it will not be repeated.

Lot VDV contains the following samples:

TSHS5*13 Sewer Manhole 4590
TSHS5*15 Sewer LF7LCS
TSHS5*19 R SEWER Manhole 4100
TSHS5*21 Bartlett Ravine Outfall C-3290
TSHS5*25 SEWER Manhole 5810
TSHS5*28 R SEWER Wells Ravine AI10-36
TSHS5*30 R Basin SB-LF7
TSHS5*31 Hutchinson Ravine Outfall C-0692
TSHS5*36 Shenck ravine outfall OD-3
TSHS5*37 R SEWER manhole 3870

An "R" is listed after the sample number if the sample contained rejected analytes. Three of these rejected samples are from the sewer system and will not be retaken since this system is not within the RI (see discussion above). The basin at landfill 7 will be resampled as shown in Table 4.

Lot UCE contains TSHDW1*1, and TSHDW1*2, which are both drilling water samples and will not be retaken.

## Summary

Of the approximately 500 samples in the 1990-1991 Remedial Investigation, 144 were found to have at least one analytical result that was rejected. Of these 144 samples, only 12 were found to require replacement to assure a complete dataset for the RI. Of the remaining 132 samples, each have only one or two analytes for which the results are not usable, and the other analytes in the samples can be used in the RI. The loss of the unusable results is not expected to negatively affect the RI as discussed in the sections above. Besides the 12 samples to be retaken, 2 other samples from the RI were not properly documented and validated, and will also be retaken. A total of 14 samples will be retaken to replace invalid data.

The samples from 1990-1991 were analyzed for inorganics and pesticides/herbicides and PCBs. These results are considered as screening type data under the NFG, mainly due to differences between the methods used in 1990-1991 and the current NFG requirements. To elevate these data to a quality level such that they can be used in the risk assessment, a minimum of 10% resampling is needed. The new results (obtained using OQAPP methods) will then be compared with the original results to determine if they differ significantly due to possible previous laboratory problems.

In the RI soil samples, there were approximately 243 inorganics analyses, 43 pesticide/herbicide analyses, 24 herbicide analyses, and 43 PCB analyses. The selected samples in Table 4 which will be retaken total 43 inorganics analyses, 8 pesticide/herbicide, 4 herbicide, and 8 PCB. (Note that the two samples from VES2 for PCBs are not counted in the total of 8 listed here; the above discussion for this site explains that the new results will assist the RI, but will not be used for analytical method verification.) The percentages of resampling are then 18%, 18%, 17%, and 19%.

Selected resampling locations are only discussed here for the soils. All groundwater samples are being retaken to determine the current groundwater conditions, since groundwater is normally changing and the last samples were taken 5 years ago. Since complete groundwater resampling is being performed, selecting certain groundwater samples for resampling is not done in this plan.

**TABLE 1: Remedial Investigation Samples with Data Qualifiers**
**Fort Sheridan Data Usability and Resampling Proposal**

| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | None | B | J | NJ | R | U | UJ | %J |
| CSO | OTFL | AIRPORT | C-0300 | TSHS5*32 | 01-May-91 | 0 | 178 | 149 | | 11 | 8 | | 1 | 9 | 15.73% |
| CSW | OTFL | AIRPORT | C-0300 | TSHW5*27 | 01-May-91 | 0 | 182 | 123 | 1 | 9 | 6 | 1 | | 42 | 31.32% |
| CGW | WELL | B115 | B115MW01 | FTSHW1*1 | 15-Apr-91 | 19.8 | 159 | 119 | | 6 | 1 | 1 | | 32 | 24.53% |
| CSO | BORE | B115 | B115SB01 | FTSHS1*2 | 15-Nov-90 | 14 | 177 | 139 | | 11 | 19 | | 1 | 7 | 20.90% |
| CSO | BORE | B115 | B115SB01 | FTSHS1*3 | 15-Nov-90 | 24 | 177 | 138 | | 12 | 19 | | 1 | 7 | 21.47% |
| CSO | BORE | B115 | B115SB01 | FTSHS1*1 | 14-Nov-90 | 4 | 168 | 139 | | 11 | 10 | | 1 | 7 | 16.67% |
| CSO | BORE | B115 | B115SB02 | FTSHS1*4 | 15-Nov-90 | 2 | 162 | 136 | | 14 | 4 | | 1 | 7 | 15.43% |
| CSO | BORE | B115 | B115SB02 | FTSHS1*5 | 15-Nov-90 | 8 | 176 | 138 | | 12 | 18 | | 1 | 7 | 21.02% |
| CSO | BORE | B115 | B115SB02 | FTSHS1*6 | 16-Nov-90 | 24 | 177 | 139 | | 11 | 19 | | 1 | 7 | 20.90% |
| CSO | BORE | B115 | B115SB03 | FTSHS1*9 | 26-Nov-90 | 24 | 177 | 135 | | 9 | 19 | | 1 | 13 | 23.16% |
| CSO | BORE | B115 | B115SB03 | FTSHS1*8 | 26-Nov-90 | 12 | 178 | 133 | | 11 | 20 | | 1 | 13 | 24.72% |
| CSO | BORE | B115 | B115SB03 | FTSHS1*7 | 26-Nov-90 | 2 | 163 | 132 | | 14 | 5 | | | 12 | 19.02% |
| CGW | WELL | B122 | B122MW01 | FTSHW6*1 | 23-Jul-91 | 12 | 188 | 144 | | 9 | 2 | 1 | | 32 | 22.87% |
| CGW | WELL | B122 | B122MW02 | TSHW6*22 | 23-Jul-91 | 11.5 | 190 | 143 | | 9 | 4 | 1 | | 33 | 24.21% |
| CSO | WIPE | B122 | 122F1WP1 | FTSHS2*6 | 15-Nov-90 | 0 | 124 | 84 | | | 6 | 2 | | 32 | 30.65% |
| CSO | WIPE | B122 | 122F1WP2 | FTSHS2*7 | 15-Nov-90 | 0 | 118 | 84 | | | | 2 | | 32 | 27.12% |
| CSO | WIPE | B122 | B122BLK | FTSHS2*8 | 15-Nov-90 | 0 | 119 | 84 | | | 1 | 2 | | 32 | 27.73% |
| CSO | BORE | B122 | B122SB01 | TSHS1*37 | 28-Jan-91 | 0 | 186 | 98 | | 15 | | | 1 | 72 | 46.77% |
| CSO | BORE | B122 | B122SB02 | TSHS1*38 | 29-Jan-91 | 3 | 186 | 133 | | 13 | | | | 40 | 28.49% |
| CSO | BORE | B122 | B122SB03 | TSHS1*58 | 28-Jan-91 | 2.5 | 186 | 133 | | 12 | | | | 41 | 28.49% |
| CSO | BORE | B122 | B122SB04 | TSHS1*59 | 29-Jan-91 | 1 | 208 | 133 | | 15 | 22 | | | 38 | 36.06% |
| CSO | BORE | B122 | B122SB05 | TSHS1*60 | 29-Jan-91 | 2 | 192 | 112 | | 13 | 6 | | 1 | 60 | 41.15% |
| CSO | BORE | B122 | B122SB06 | TSHS1*61 | 29-Jan-91 | 3 | 193 | 133 | | 12 | 7 | | | 41 | 31.09% |
| CSO | BORE | B122 | B122SB07 | TSHS1*62 | 29-Jan-91 | 3 | 187 | 111 | | 14 | 1 | | 1 | 60 | 40.11% |
| CSO | BORE | B122 | B122SB08 | TSHS1*63 | 29-Jan-91 | 3 | 199 | 133 | | 13 | 13 | | 1 | 39 | 32.66% |
| CSO | BORE | B122 | B122SB09 | FTSHS6*1 | 11-Jul-91 | 4 | 188 | 147 | | 15 | 2 | | 1 | 23 | 21.28% |
| CSO | BORE | B122 | B122SB09 | FTSHS6*2 | 11-Jul-91 | 9 | 187 | 138 | | 11 | 1 | | 1 | 36 | 25.67% |
| CSO | BORE | B122 | B122SB10 | FTSHS6*4 | 10-Jul-91 | 1 | 187 | 100 | | 15 | 1 | 35 | | 36 | 27.81% |
| CSO | BORE | B122 | B122SB10 | FTSHS6*6 | 10-Jul-91 | 9 | 187 | 113 | | 13 | 1 | 35 | 1 | 24 | 20.32% |
| CSO | BORE | B122 | B122SB10 | FTSHS6*5 | 10-Jul-91 | 4 | 191 | 109 | | 14 | 5 | 35 | | 28 | 24.61% |
| CSO | BORE | B122 | B122SB11 | FTSHS6*7 | 10-Jul-91 | 4 | 186 | 99 | | 14 | | 35 | 1 | 37 | 27.42% |
| CSO | BORE | B122 | B122SB12 | TSHS6*11 | 10-Jul-91 | 9 | 188 | 99 | | 15 | 2 | 35 | 1 | 36 | 28.19% |
| CSO | BORE | B122 | B122SB12 | TSHS6*10 | 10-Jul-91 | 4 | 187 | 148 | | 15 | 1 | | | 23 | 20.86% |
| CSO | BORE | B122 | B122SB13 | TSHS6*15 | 10-Jul-91 | 9 | 187 | 134 | | 14 | 1 | | 1 | 37 | 27.81% |
| CSO | BORE | B122 | B122SB13 | TSHS6*13 | 10-Jul-91 | 1 | 187 | 94 | | 7 | 1 | 44 | 4 | 37 | 24.06% |
| CSO | BORE | B122 | B122SB13 | TSHS6*14 | 10-Jul-91 | 4 | 187 | 100 | | 13 | 1 | 35 | 1 | 37 | 27.27% |
| CGW | WELL | B125 | B125MW01 | FTSHW1*6 | 08-Feb-91 | 26.1 | 159 | 150 | | 2 | 1 | 1 | | 5 | 5.03% |
| CGW | WELL | B125 | B125MW01 | FTSHW1*4 | 12-Dec-90 | 9 | 161 | 131 | | 9 | 3 | 12 | | 6 | 11.18% |
| CGW | WELL | B125 | B125MW01 | FTSHW1*4 | 12-Dec-90 | 5.7 | 161 | 131 | | 9 | 3 | 12 | | 6 | 11.18% |
| CGW | WELL | B125 | B125MW02 | FTSHW1*5 | 11-Jan-91 | 5.7 | 164 | 149 | | 5 | 6 | 4 | | | 6.71% |
| CGW | WELL | B125 | B125MW04 | B125MW04 | 14-Nov-91 | 10 | | | | | | | | | #DIV/0! |
| CGW | WELL | B125 | B125MW04 | TSHW6*24 | 14-Nov-91 | 10 | 158 | 140 | | 7 | | 2 | | 9 | 10.13% |
| CGW | WELL | B125 | B125MW05 | B125MW05 | 15-Nov-91 | 11 | | | | | | | | | #DIV/0! |
| CGW | WELL | B125 | B125MW05 | TSHW6*25 | 15-Nov-91 | 11 | 160 | 143 | | 5 | 2 | 2 | | 8 | 9.38% |
| CSO | BORE | B125 | B125SB01 | TSHS1*12 | 09-Nov-90 | 14 | 178 | 142 | | 11 | 20 | | 1 | 4 | 19.66% |
| CSO | BORE | B125 | B125SB01 | TSHS1*11 | 09-Nov-90 | 6 | 159 | 142 | | 11 | 1 | | 1 | 4 | 10.06% |
| CSO | BORE | B125 | B125SB01 | TSHS1*10 | 08-Nov-90 | 0 | 159 | 139 | | 14 | 1 | | 1 | 4 | 11.95% |
| CSO | BORE | B125 | B125SB01 | TSHS1*57 | 12-Nov-90 | 7 | 162 | 141 | | 10 | 4 | | 1 | 6 | 12.35% |
| CSO | BORE | B125 | B125SB02 | TSHS1*14 | 13-Nov-90 | 10 | 169 | 141 | | 10 | 11 | | 1 | 6 | 15.98% |
| CSO | BORE | B125 | B125SB02 | TSHS1*13 | 13-Nov-90 | 2 | 159 | 141 | | 10 | 1 | | 2 | 5 | 10.06% |
| CSO | BORE | B125 | B125SB03 | TSHS1*18 | 14-Nov-90 | 7 | 168 | 141 | | 10 | 10 | | 1 | 6 | 15.48% |
| CSO | BORE | B125 | B125SB03 | TSHS1*17 | 14-Nov-90 | 5 | 167 | 140 | | 12 | 9 | | 1 | 5 | 15.57% |
| CSO | BORE | B125 | B125SB03 | TSHS1*16 | 14-Nov-90 | 3 | 179 | 140 | | 12 | 21 | | | 6 | 21.79% |
| CSO | BORE | B125 | B125SB04 | TSHS6*33 | 27-Jul-91 | 2 | 159 | 137 | | 15 | 1 | | | 6 | 13.84% |
| CSO | BORE | B125 | B125SB04 | TSHS6*34 | 27-Jul-91 | 4 | 158 | 138 | | 15 | | | | 5 | 12.66% |
| CSO | BORE | B125 | B125SB04 | TSHS6*35 | 27-Jul-91 | 6 | 158 | 138 | | 15 | | | | 5 | 12.66% |
| CSO | BORE | B125 | B125SB05 | TSHS6*36 | 27-Jul-91 | 2 | 158 | 138 | | 15 | | | | 5 | 12.66% |
| CSO | BORE | B125 | B125SB05 | TSHS6*37 | 27-Jul-91 | 4 | 158 | 138 | | 15 | | | | 5 | 12.66% |
| CSO | BORE | B125 | B125SB05 | TSHS6*38 | 27-Jul-91 | 6 | 159 | 139 | | 13 | 1 | | | 6 | 12.58% |
| CGW | WELL | B126 | B126MW01 | TSHW1*13 | 02-Apr-91 | 22.3 | 53 | 18 | | 9 | | | | 26 | 66.04% |
| CSO | BORE | B126 | B126SB01 | TSHS1*41 | 13-Dec-90 | 24 | 53 | 13 | | 14 | | | | 26 | 75.47% |
| CSO | BORE | B126 | B126SB01 | TSHS1*40 | 13-Dec-90 | 8 | 53 | 13 | | 15 | | | | 25 | 75.47% |
| CSO | BORE | B126 | B126SB01 | TSHS1*39 | 13-Dec-90 | 0 | 53 | 11 | | 16 | | | | 26 | 79.25% |
| CSO | PIT | B126 | B126TP1 | TSHS4*74 | 20-Mar-91 | 7 | 24 | 10 | | 13 | | | 1 | | 54.17% |
| CSO | PIT | B126 | B126TP1 | TSHS4*66 | 19-Mar-91 | 7 | 53 | 16 | | 12 | | | 1 | 24 | 67.92% |
| CSO | PIT | B126 | B126TP1 | TSHS4*73 | 20-Mar-91 | 4 | 24 | 10 | | 13 | | | 1 | | 54.17% |
| CSO | PIT | B126 | B126TP1 | TSHS4*65 | 19-Mar-91 | 2.5 | 53 | 15 | | 13 | | | 1 | 24 | 69.81% |
| CSO | PIT | B126 | B126TP2 | TSHS4*67 | 18-Mar-91 | 2.5 | 53 | 14 | | 16 | | | 1 | 22 | 71.70% |
| CSO | PIT | B126 | B126TP2 | TSHS4*68 | 18-Mar-91 | 7 | 53 | 16 | | 12 | | | 1 | 24 | 67.92% |
| CSO | PIT | B128 | B128TP1 | TSHS4*69 | 21-Mar-91 | 3 | 139 | 129 | | | 4 | | | 6 | 7.19% |
| CSO | PIT | B128 | B128TP1 | TSHS4*70 | 21-Mar-91 | 6.8 | 142 | 129 | | | 7 | | | 6 | 9.15% |
| CSO | PIT | B128 | B128TP2 | TSHS4*71 | 20-Mar-91 | 2.5 | 135 | 128 | | | | | | 7 | 5.19% |
| CSO | PIT | B128 | B128TP2 | TSHS4*72 | 20-Mar-91 | 6.8 | 140 | 128 | | | 5 | | | 7 | 8.57% |
| CBI | CONC | B137 | 137F1CN1 | TSHS2*14 | 15-Nov-90 | 0 | 23 | 11 | | 10 | | | 2 | | 43.48% |
| CBI | CONC | B137 | 137F1CN2 | TSHS2*15 | 15-Nov-90 | 0 | 23 | 8 | | 14 | | | 1 | | 60.87% |
| CBI | CONC | B137 | 137F1CN3 | TSHS2*16 | 15-Nov-90 | 0 | 23 | 11 | | 11 | | | 1 | | 47.83% |
| CSO | WIPE | B137 | 137F1WP1 | FTSHS2*9 | 14-Nov-90 | 0 | 120 | 98 | | 4 | | 2 | 6 | 10 | 11.67% |
| CSO | WIPE | B137 | 137F1WP2 | TSHS2*10 | 14-Nov-90 | 0 | 137 | 95 | | 5 | 18 | 2 | 7 | 10 | 24.09% |
| CSO | PIT | B137 | B137TP1 | TSHS4*57 | 21-Mar-91 | 2.5 | 159 | 140 | | 14 | | | 1 | 4 | 11.32% |
| CSO | PIT | B137 | B137TP1 | TSHS4*58 | 21-Mar-91 | 7.2 | 167 | 139 | | 15 | 8 | | | 5 | 16.77% |
| CSO | PIT | B137 | B137TP2 | TSHS4*59 | 25-Mar-91 | 3 | 161 | 135 | | 15 | 2 | 1 | | 8 | 15.53% |
| CSO | PIT | B137 | B137TP2 | TSHS4*60 | 25-Mar-91 | 6.7 | 160 | 134 | | 13 | 1 | 1 | 1 | 10 | 15.00% |
| CSO | PIT | B137 | B137TP3 | TSHS4*62 | 22-Mar-91 | 6.7 | 159 | 140 | | 13 | | | 1 | 5 | 11.32% |
| CSO | PIT | B137 | B137TP3 | TSHS4*61 | 22-Mar-91 | 3.5 | 159 | 140 | | 10 | | | 1 | 8 | 11.32% |
| CSO | PIT | B137 | B137TP4 | TSHS4*63 | 21-Mar-91 | 2.5 | 160 | 137 | | 14 | 1 | | 1 | 7 | 13.75% |
| CSO | PIT | B137 | B137TP4 | TSHS4*64 | 21-Mar-91 | 4.3 | 179 | 136 | | 11 | 20 | | 5 | 7 | 21.23% |

**TABLE 1: Remedial Investigation Samples with Data Qualifiers**
**Fort Sheridan Data Usability and Resampling Proposal**

| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | None | B | J | NJ | R | U | UJ | %J |
| CBI | CONC | B139 | 139F1CN1 | TSHS2*17 | 15-Nov-90 | 0 | 23 | 11 | | 9 | | | 3 | | 39.13% |
| CBI | CONC | B139 | 139F1CN2 | TSHS2*18 | 15-Nov-90 | 0 | 23 | 12 | | 9 | | | 2 | | 39.13% |
| CBI | CONC | B139 | 139F1CN3 | TSHS2*19 | 15-Nov-90 | 0 | 23 | 12 | | 9 | | | 2 | | 39.13% |
| CSO | WIPE | B139 | 139F1WP1 | TSHS2*11 | 14-Nov-90 | 0 | 132 | 96 | | 5 | 13 | 2 | 6 | 10 | 21.21% |
| CSO | WIPE | B139 | 139F1WP2 | TSHS2*12 | 14-Nov-90 | 0 | 124 | 97 | | 4 | 5 | 2 | 6 | 10 | 15.32% |
| CSO | WIPE | B139 | B139BLK | TSHS2*13 | 14-Nov-90 | 0 | 133 | 99 | | 3 | 14 | 2 | 5 | 10 | 20.30% |
| CSO | WIPE | B142 | 142F1WP1 | TSHS2*20 | 15-Nov-90 | 0 | 27 | | | | | | | 27 | 100.00% |
| CSO | WIPE | B142 | 142F1WP2 | TSHS2*21 | 15-Nov-90 | 0 | 27 | | | | | | | 27 | 100.00% |
| CSO | WIPE | B142 | B142BLK | TSHS2*22 | 15-Nov-90 | 0 | 27 | | | | | | | 27 | 100.00% |
| CGW | WELL | B208 | B208MW01 | FTSHW1*7 | 02-Apr-91 | 5.6 | 183 | 133 | | 13 | 25 | 1 | | 11 | 26.78% |
| CGW | WELL | B208 | B208MW02 | FTSHW1*8 | 11-Jan-91 | 8.9 | 162 | 149 | | 5 | 4 | 4 | | | 5.56% |
| CGW | WELL | B208 | B208MW03 | FTSHW1*9 | 11-Feb-91 | 22.4 | 160 | 151 | | 1 | 2 | 1 | | 5 | 5.00% |
| CGW | WELL | B208 | B208MW04 | TSHW1*10 | 11-Feb-91 | 14.9 | 162 | 145 | | 4 | 4 | 1 | | 8 | 9.88% |
| CGW | WELL | B208 | B208MW05 | FTSHW6*2 | 24-Jul-91 | 23.3 | 160 | 148 | | 7 | 2 | 1 | | 2 | 6.88% |
| CGW | WELL | B208 | B208MW06 | FTSHW6*3 | 29-Jul-91 | 23 | 159 | 144 | | 7 | 1 | 1 | | 6 | 8.81% |
| CGW | WELL | B208 | B208MW07 | FTSHW6*4 | 24-Jul-91 | 23.3 | 158 | 149 | | 6 | | 1 | | 2 | 5.06% |
| CGW | WELL | B208 | B208MW08 | TSHW6*23 | 29-Jul-91 | 23 | 158 | 143 | | 8 | | 1 | | 6 | 8.86% |
| CSO | BORE | B208 | B208SB01 | TSHS1*19 | 27-Nov-90 | 2 | 179 | 131 | | 13 | 21 | | 1 | 13 | 26.26% |
| CSO | BORE | B208 | B208SB01 | TSHS1*20 | 28-Nov-90 | 6 | 169 | 132 | | 13 | 11 | | | 13 | 21.89% |
| CSO | BORE | B208 | B208SB01 | TSHS1*21 | 28-Nov-90 | 8 | 166 | 133 | | 12 | 8 | | 1 | 12 | 19.28% |
| CSO | BORE | B208 | B208SB02 | TSHS1*22 | 28-Nov-90 | 4 | 159 | 129 | | 14 | 1 | | | 15 | 18.87% |
| CSO | BORE | B208 | B208SB02 | TSHS1*23 | 28-Nov-90 | 10 | 171 | 129 | | 13 | 13 | | | 16 | 24.56% |
| CSO | BORE | B208 | B208SB03 | TSHS1*26 | 30-Nov-90 | 10 | 164 | 138 | | 13 | 6 | | | 7 | 15.85% |
| CSO | BORE | B208 | B208SB03 | TSHS1*27 | 30-Nov-90 | 24 | 158 | 138 | | 12 | | | | 8 | 12.66% |
| CSO | BORE | B208 | B208SB03 | TSHS1*25 | 30-Nov-90 | 4 | 185 | 139 | | 14 | 27 | | | 5 | 24.86% |
| CSO | BORE | B208 | B208SB04 | TSHS1*28 | 11-Dec-90 | 4 | 179 | 134 | | 13 | 21 | | | 11 | 25.14% |
| CSO | BORE | B208 | B208SB04 | TSHS1*30 | 11-Dec-90 | 14 | 158 | 134 | | 12 | | | | 12 | 15.19% |
| CSO | BORE | B208 | B208SB04 | TSHS1*29 | 11-Dec-90 | 10 | 158 | 135 | | 13 | | | | 10 | 14.56% |
| CSO | BORE | B208 | B208SB05 | TSHS6*16 | 14-Jul-91 | 4 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB05 | TSHS6*18 | 14-Jul-91 | 14 | 159 | 135 | 1 | 11 | 1 | | | 11 | 14.47% |
| CSO | BORE | B208 | B208SB05 | TSHS6*17 | 14-Jul-91 | 9 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB06 | TSHS6*20 | 13-Jul-91 | 4 | 164 | 141 | | 12 | 6 | | | 5 | 14.02% |
| CSO | BORE | B208 | B208SB06 | TSHS6*21 | 13-Jul-91 | 19 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB06 | TSHS6*19 | 13-Jul-91 | 1 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB07 | TSHS6*24 | 13-Jul-91 | 14 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB07 | TSHS6*22 | 13-Jul-91 | 1 | 161 | 141 | | 12 | 3 | | | 5 | 12.42% |
| CSO | BORE | B208 | B208SB07 | TSHS6*23 | 13-Jul-91 | 9 | 165 | 141 | | 12 | 7 | | | 5 | 14.55% |
| CSO | BORE | B208 | B208SB08 | TSHS6*12 | 15-Jul-91 | 14 | 159 | 141 | | 12 | 1 | | | 5 | 11.32% |
| CSO | BORE | B208 | B208SB08 | FTSHS6*8 | 15-Jul-91 | 1.5 | 160 | 139 | | 17 | 2 | | | 2 | 13.13% |
| CSO | BORE | B208 | B208SB08 | FTSHS6*9 | 15-Jul-91 | 9 | 160 | 141 | | 12 | 2 | | | 5 | 11.88% |
| CSO | PIT | B216 | B216TP1 | | | 4 | | | | | | All | | | |
| CSO | PIT | B216 | B216TP1 | | | 7 | | | | | | All | | | |
| CSE | MAHO | B361 | 361E5SEW | TSHS2*26 | 14-Nov-90 | 3 | 123 | 99 | | 16 | 4 | | 1 | 3 | 18.70% |
| CSO | WIPE | B361 | 361F1WP1 | TSHS2*23 | 14-Nov-90 | 0 | 159 | 138 | | 3 | | 2 | 6 | 10 | 8.18% |
| CSO | WIPE | B361 | 361F1WP2 | TSHS2*24 | 14-Nov-90 | 0 | 158 | 136 | | 4 | | 2 | 6 | 10 | 8.86% |
| CSO | WIPE | B361 | 361F1WP3 | TSHS2*25 | 14-Nov-90 | 0 | 158 | 137 | | 3 | | 2 | 6 | 10 | 8.23% |
| CGW | WELL | B368 | B368MW02 | TSHW1*15 | 22-Mar-91 | 8 | 135 | 131 | | | | 1 | | 3 | 2.22% |
| CSO | BORE | B368 | B368SB01 | TSHS1*44 | 09-Jan-91 | 33 | 140 | 126 | | 1 | 5 | | | 8 | 10.00% |
| CSO | BORE | B368 | B368SB01 | TSHS1*42 | 08-Jan-91 | 0 | 151 | 120 | | 3 | 16 | | | 12 | 20.53% |
| CSO | BORE | B368 | B368SB01 | TSHS1*43 | 08-Jan-91 | 16 | 156 | 120 | | | 21 | | | 15 | 23.08% |
| CSO | BORE | B368 | B368SB02 | TSHS1*45 | 10-Jan-91 | 0 | 190 | 163 | | 2 | 15 | | | 10 | 14.21% |
| CSO | BORE | B368 | B368SB02 | TSHS1*46 | 10-Jan-91 | 8 | 175 | 162 | | 1 | 1 | | | 11 | 7.43% |
| CSO | BORE | B368 | B368SB02 | TSHS1*47 | 10-Jan-91 | 12 | 156 | 121 | | 1 | 21 | | | 13 | 22.44% |
| CSO | BORE | B368 | B368SB03 | TSHS1*49 | 11-Jan-91 | 6 | 184 | 162 | | | 10 | | | 12 | 11.96% |
| CSO | BORE | B368 | B368SB03 | TSHS1*50 | 12-Jan-91 | 14 | 157 | 121 | | 1 | 22 | | | 13 | 22.93% |
| CSO | BORE | B368 | B368SB03 | TSHS1*48 | 11-Jan-91 | 2 | 174 | 162 | | | | | | 12 | 6.90% |
| CSO | BORE | B368 | B368SB04 | TSHS6*25 | 12-Jul-91 | 4 | 136 | 121 | | | 1 | | | 14 | 11.03% |
| CSO | BORE | B368 | B368SB05 | TSHS6*27 | 12-Jul-91 | 4 | 136 | 134 | | | 1 | | | 1 | 1.47% |
| CSO | BORE | B368 | B368SB06 | TSHS6*30 | 12-Jul-91 | 9 | 136 | 122 | | | 1 | | | 13 | 10.29% |
| CSO | BORE | B368 | B368SB06 | TSHS6*29 | 12-Jul-91 | 4 | 157 | 121 | | | 22 | | | 14 | 22.93% |
| CSO | BORE | B368 | B368SB06 | TSHS6*28 | 12-Jul-91 | 1 | 136 | 121 | | | 1 | | | 14 | 11.03% |
| CSO | PIT | B368 | B368TP1 | TSHS4*75 | 09-Mar-91 | 2.6 | 139 | 123 | | 2 | 4 | | | 10 | 11.51% |
| CSO | PIT | B368 | B368TP1 | TSHS4*76 | 09-Mar-91 | 4 | 156 | 123 | | | 21 | | | 12 | 21.15% |
| CSO | PIT | B368 | B368TP2 | TSHS4*77 | 09-Mar-91 | 3 | 135 | 133 | | | | | | 2 | 1.48% |
| CSO | PIT | B368 | B368TP2 | TSHS4*78 | 09-Mar-91 | 2.5 | 137 | 132 | | 1 | 2 | | | 2 | 3.65% |
| CSO | BORE | B377 | B377SB01 | TSHS1*52 | 21-Jan-91 | 10 | 171 | 95 | | 15 | 22 | | | 39 | 44.44% |
| CSO | BORE | B377 | B377SB01 | TSHS1*53 | 21-Jan-91 | 24 | 171 | 95 | | 14 | 22 | | | 40 | 44.44% |
| CSO | BORE | B377 | B377SB01 | TSHS1*51 | 21-Jan-91 | 1 | 149 | 94 | | 16 | | | | 39 | 36.91% |
| CSO | PIT | B377 | B377TP1 | TSHS4*80 | 19-Feb-91 | 7 | 155 | 104 | | 13 | 6 | | | 32 | 32.90% |
| CSO | PIT | B377 | B377TP1 | TSHS4*79 | 19-Feb-91 | 1.3 | 149 | 104 | | 14 | | | | 31 | 30.20% |
| CSO | PIT | B377 | B377TP2 | TSHS4*81 | 19-Feb-91 | 25 | 149 | 104 | | 13 | | | | 32 | 30.20% |
| CSO | PIT | B377 | B377TP2 | TSHS4*82 | 19-Feb-91 | 7 | 149 | 104 | | 13 | | | | 32 | 30.20% |
| CSO | PIT | B377 | B377TP3 | TSHS4*84 | 25-Feb-91 | 8 | 153 | 109 | | 12 | 4 | | | 28 | 28.76% |
| CSO | PIT | B377 | B377TP3 | TSHS4*83 | 25-Feb-91 | 2.5 | 149 | 109 | | 14 | | | | 26 | 26.85% |
| CSR | MAHO | B43 | B43CS1 | FTSHS2*1 | 13-Dec-90 | 5 | 185 | 41 | | 32 | 28 | 60 | | 24 | 45.41% |
| CSR | MAHO | B43 | B43CS1 | FTSHW2*1 | 12-Dec-90 | 5 | 158 | 94 | | 4 | 24 | 1 | | 35 | 39.87% |
| CBI | WOOD | B70 | 70F1WD1 | FTSHS2*3 | 15-Nov-90 | 0 | 137 | 93 | | 2 | 19 | | | 23 | 32.12% |
| CBI | WOOD | B70 | 70F1WD2 | FTSHS2*4 | 15-Nov-90 | 0 | 136 | 93 | | 3 | 18 | | | 22 | 31.62% |
| CBI | WOOD | B70 | 70F1WD3 | FTSHS2*5 | 15-Nov-90 | 0 | 132 | 93 | | 3 | 14 | | | 22 | 29.55% |
| CSO | PIT | B902 | B902TP1 | TSHS4*86 | 10-Mar-91 | 2.5 | 135 | 133 | | | | | | 2 | 1.48% |
| CSO | PIT | B902 | B902TP1 | TSHS4*85 | 10-Mar-91 | 3 | 145 | 1332 | | 1 | 10 | | | 2 | 8.97% |
| CSO | PIT | B902 | B902TP2 | TSHS4*87 | 10-Mar-91 | 2 | 155 | 33 | | | 20 | | | 2 | 14.19% |
| CSO | PIT | B902 | B902TP2 | TSHS4*88 | 10-Mar-91 | 7 | 135 | 133 | | | | | | 2 | 1.48% |
| CSO | PIT | B902 | B902TP3 | TSHS4*94 | 11-Mar-91 | 4.5 | 154 | 125 | | | 19 | | | 10 | 18.83% |
| CSO | PIT | B902 | B902TP3 | TSHS4*93 | 11-Mar-91 | 3 | 136 | 132 | | 1 | 1 | | | 2 | 2.94% |
| CSO | DTCH | BARTLETT | C-2370 | FTSHS5*7 | 01-May-91 | 0 | 177 | 132 | | 12 | 18 | | | 15 | 25.42% |

| TABLE 1: Remedial Investigation Samples with Data Qualifiers | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fort Sheridan Data Usability and Resampling Proposal | | | | | | | | | | | | | | | |
| | | | | | | Sample | Number | Number of analytes with qualifier type shown below | | | | | | | |
| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Depth (feet) | of Analytes | None | B | J | NJ | R | U | UJ | %J |
| CSO | OTFL | BARTLETT | C-3290 | TSHS5*21 | 15-May-91 | 0 | 190 | 147 | | 9 | 2 | | 4 | 28 | 20.53% |
| CSW | DTCH | BARTLETT | C-2370 | FTSHW5*7 | 01-May-91 | 0 | 181 | 146 | 2 | 10 | 14 | 1 | | 8 | 17.68% |
| CSW | OTFL | BARTLETT | C-3290 | TSHW5*16 | 15-May-91 | 0 | 197 | 153 | 1 | 12 | 1 | 1 | | 29 | 21.32% |
| CSO | BORE | CSA1 | CSA1SB01 | TSHS1*32 | 12-Dec-90 | 12 | 120 | 99 | | 12 | | | | 9 | 17.50% |
| CSO | BORE | CSA1 | CSA1SB01 | TSHS1*33 | 13-Dec-90 | 24 | 120 | 101 | | 14 | | | | 5 | 15.83% |
| CSO | BORE | CSA1 | CSA1SB01 | TSHS1*31 | 12-Dec-90 | 2 | 128 | 100 | | 15 | 8 | | | 5 | 21.88% |
| CSO | PIT | CSA1 | CSA1TP1 | FTSHS4*2 | 07-Feb-91 | 3.8 | 120 | 88 | | 16 | | | | 16 | 26.67% |
| CSO | PIT | CSA1 | CSA1TP1 | FTSHS4*1 | 07-Feb-91 | 2.1 | 139 | 90 | | 14 | 19 | | | 16 | 35.25% |
| CSO | PIT | CSA1 | CSA1TP2 | FTSHS4*3 | 07-Feb-91 | 1.6 | 120 | 88 | | 16 | | | | 16 | 26.67% |
| CSO | PIT | CSA1 | CSA1TP2 | FTSHS4*4 | 07-Feb-91 | 7 | 120 | 90 | | 15 | | | | 15 | 25.00% |
| CSO | PIT | CSA2 | CSA2TP1 | FTSHS4*5 | 09-Feb-91 | 2.7 | 122 | 102 | | 14 | 2 | | | 4 | 16.39% |
| CSO | PIT | CSA2 | CSA2TP1 | FTSHS4*6 | 09-Feb-91 | 7 | 121 | 103 | | 13 | 1 | | | 4 | 14.88% |
| CSO | PIT | CSA2 | CSA2TP2 | FTSHS4*8 | 11-Feb-91 | 8 | 121 | 103 | | 13 | 1 | | | 4 | 14.88% |
| CSO | PIT | CSA2 | CSA2TP2 | FTSHS4*7 | 11-Feb-91 | 5 | 120 | 101 | | 15 | | | | 4 | 15.83% |
| CSO | PIT | CSA3 | CSA3TP1 | FTSHS4*9 | 08-Feb-91 | 2 | 142 | 90 | | 15 | 22 | | | 15 | 36.62% |
| CSO | PIT | CSA3 | CSA3TP2 | TSHS4*11 | 08-Feb-91 | 2.7 | 122 | 87 | | 17 | 2 | | | 16 | 28.69% |
| CSO | PIT | CSA3 | CSA3TP2 | TSHS4*12 | 08-Feb-91 | 7 | 122 | 90 | | 16 | 1 | | | 14 | 25.41% |
| CSO | PIT | CSA4 | CSA4TP1 | TSHS4*16 | 05-Feb-91 | 7.5 | 131 | 40 | | 14 | 11 | | | 66 | 69.47% |
| CSO | PIT | CSA4 | CSA4TP1 | TSHS4*15 | 05-Feb-91 | 1.5 | 127 | 39 | | 22 | 7 | | | 59 | 69.29% |
| CSO | PIT | CSA4 | CSA4TP2 | TSHS4*18 | 04-Feb-91 | 7.3 | 122 | 64 | | 17 | 2 | | | 39 | 47.54% |
| CSO | PIT | CSA4 | CSA4TP2 | TSHS4*17 | 04-Feb-91 | 0.8 | 127 | 99 | | 15 | 7 | | | 6 | 22.05% |
| CGW | DRWM | DRILLH2O | DW01 | TSHDW1*1 | 08-Nov-90 | -3 | 198 | 166 | | 2 | 2 | 2 | | 26 | 15.15% |
| CGW | DRWM | DRILLH2O | DW02 | TSHDW1*2 | 08-Nov-90 | -3 | 200 | 124 | | 9 | 4 | 1 | | 62 | 37.50% |
| CGW | DRWM | DRILLH2O | DW03 | TSHDW1*3 | 13-Dec-90 | -3 | 200 | 146 | | 2 | 3 | 12 | | 37 | 21.00% |
| CGW | DRWM | DRILLH2O | DW04 | TSHDW1*4 | 13-Dec-90 | 3 | 199 | 160 | | 3 | 2 | 1 | | 33 | 19.10% |
| CGW | DRWM | DRILLH2O | DW04 | TSHDW1*4 | 13-Dec-90 | -3 | 199 | 160 | | 3 | 2 | 1 | | 33 | 19.10% |
| CGW | DRWM | DRILLH2O | DW05 | TSHDW1*5 | 28-Jan-91 | -4 | 198 | 149 | | 8 | 1 | 2 | | 38 | 23.74% |
| CSO | DTCH | HUTCHIN | C-0690 | TSHS5*33 | 01-May-91 | 0 | 170 | 154 | | 5 | | | 3 | 8 | 7.65% |
| CSO | OTFL | HUTCHIN | C-0692 | TSHS5*31 | 15-May-91 | 0 | 176 | 152 | | 6 | 6 | | 4 | 8 | 11.36% |
| CSO | DTCH | HUTCHIN | C-0732 | FTSHS5*6 | 02-May-91 | 0 | 170 | 141 | | 12 | 12 | | | 5 | 17.06% |
| CSW | DTCH | HUTCHIN | C-0690 | TSHW5*28 | 01-May-91 | 0 | 176 | 122 | | 12 | | 1 | | 41 | 30.11% |
| CSW | OTFL | HUTCHIN | C-0692 | TSHW5*26 | 15-May-91 | 0 | 176 | 158 | | 10 | | 1 | | 7 | 9.66% |
| CSW | DTCH | HUTCHIN | C-0732 | FTSHW5*6 | 02-May-91 | 0 | 168 | 148 | 1 | 10 | 1 | 1 | | 7 | 10.71% |
| CSO | DTCH | JANES | C-0031 | FTSHS5*2 | 30-Apr-91 | 0 | 210 | 148 | | 10 | 22 | | 1 | 29 | 29.05% |
| CSO | DTCH | JANES | C-0130 | FTSHS5*1 | 30-Apr-91 | 0 | 196 | 146 | | 18 | 9 | 2 | 1 | 20 | 23.98% |
| CSO | DTCH | JANES | C-0242 | FTSHS5*3 | 18-May-91 | 0 | 198 | 116 | | 10 | 10 | 15 | 4 | 43 | 31.82% |
| CSO | OTFL | JANES | OD-1 | FTSHS5*4 | 01-May-91 | 0 | 200 | 150 | | 12 | 12 | | 2 | 24 | 24.00% |
| CSW | DTCH | JANES | C-0031 | FTSHW5*2 | 30-Apr-91 | 0 | 196 | 153 | 1 | 10 | | 1 | | 31 | 20.92% |
| CSW | DTCH | JANES | C-0130 | FTSHW5*1 | 30-Apr-91 | 0 | 196 | 153 | | 12 | | 1 | | 30 | 21.43% |
| CSW | DTCH | JANES | C-0242 | FTSHW5*3 | 18-May-91 | 0 | 208 | 147 | | 11 | 12 | 1 | | 37 | 28.85% |
| CSW | OTFL | JANES | OD-1 | FTSHW5*4 | 01-May-91 | 0 | 196 | 119 | 1 | 9 | | 1 | | 66 | 38.27% |
| CGW | WELL | LF1 | LF1MW01 | TSHW6*11 | 15-Jul-91 | 39 | 167 | 149 | | 8 | | 1 | | 9 | 10.18% |
| CGW | WELL | LF1 | LF1MW01 | TSHW3*45 | 26-Mar-91 | 33 | 168 | 142 | | 7 | 1 | 1 | | 17 | 14.88% |
| CGW | WELL | LF1 | LF1MW02 | FTSHW3*9 | 22-Mar-91 | 33 | 170 | 152 | | 7 | 3 | 1 | | 7 | 10.00% |
| CGW | WELL | LF1 | LF1MW03 | FTSHW3*2 | 12-Feb-91 | 50 | 166 | 152 | | 4 | | 1 | | 9 | 7.83% |
| CGW | WELL | LF1 | LF1MW03S | FTSHW3*1 | 26-Feb-91 | 14 | 185 | 137 | | 5 | 19 | 16 | | 8 | 17.30% |
| CGW | WELL | LF1 | LF1MW04 | TSHW3*10 | 23-Mar-91 | 19.6 | 169 | 152 | | 7 | 2 | 1 | | 7 | 9.47% |
| CSO | BORE | LF1 | LF1SB01 | FTSHS3*7 | 14-Jan-91 | 0 | 160 | 121 | | 16 | 1 | | | 22 | 24.38% |
| CSO | BORE | LF1 | LF1SB01 | FTSHS3*9 | 14-Jan-91 | 39 | 181 | 129 | | 14 | 22 | | | 16 | 28.73% |
| CSO | BORE | LF1 | LF1SB01 | FTSHS3*8 | 14-Jan-91 | 9 | 180 | 130 | | 13 | 21 | | | 16 | 27.78% |
| CSO | BORE | LF1 | LF1SB02 | TSHS3*10 | 21-Jan-91 | 0 | 161 | 142 | | 13 | 2 | | | 4 | 11.80% |
| CSO | BORE | LF1 | LF1SB02 | TSHS3*11 | 21-Jan-91 | 14 | 181 | 142 | | 13 | 22 | | | 4 | 21.55% |
| CSO | BORE | LF1 | LF1SB02 | TSHS3*12 | 21-Jan-91 | 29 | 181 | 141 | | 13 | 22 | | | 5 | 22.10% |
| CSO | BORE | LF1 | LF1SB03D | FTSHS3*5 | 08-Jan-91 | 41 | 199 | 118 | | 14 | 1 | | | 66 | 40.70% |
| CSO | BORE | LF1 | LF1SB03D | FTSHS3*6 | 09-Jan-91 | 51 | 222 | 141 | | 13 | 24 | | | 44 | 36.49% |
| CSO | BORE | LF1 | LF1SB03D | FTSHS3*4 | 08-Jan-91 | 26 | 209 | 175 | | 14 | 11 | | | 9 | 16.27% |
| CSO | BORE | LF1 | LF1SB03S | FTSHS3*1 | 01-Dec-90 | 4 | 159 | 103 | | 17 | | | | 39 | 35.22% |
| CSO | BORE | LF1 | LF1SB03S | FTSHS3*2 | 01-Dec-90 | 14 | 159 | 105 | | 18 | | | | 36 | 33.96% |
| CSO | BORE | LF1 | LF1SB03S | FTSHS3*3 | 01-Dec-90 | 23 | 159 | 108 | | 17 | | | | 34 | 32.08% |
| CSO | BORE | LF1 | LF1SB04 | TSHS3*13 | 11-Jan-91 | 0 | 198 | 174 | | 14 | | | | 10 | 12.12% |
| CSO | BORE | LF1 | LF1SB04 | TSHS3*14 | 11-Jan-91 | 14 | 222 | 175 | | 12 | 23 | | | 12 | 21.17% |
| CSO | BORE | LF1 | LF1SB04 | TSHS3*15 | 11-Jan-91 | 24 | 220 | 141 | | 13 | 22 | | | 44 | 35.91% |
| CSO | BORE | LF1 | LF1SB05 | TSHS3*17 | 12-Jan-91 | 14 | 181 | 135 | | 13 | 22 | | | 11 | 25.41% |
| CSO | BORE | LF1 | LF1SB05 | TSHS3*16 | 12-Jan-91 | 0 | 161 | 135 | | 14 | 2 | | | 10 | 16.15% |
| CSO | BORE | LF1 | LF1SB05 | TSHS3*18 | 12-Jan-91 | 24 | 181 | 135 | | 14 | 22 | | | 10 | 25.41% |
| CGW | WELL | LF2 | LF2MW01 | TSHW6*12 | 16-Jul-91 | 42 | 180 | 156 | | 9 | 4 | 1 | | 10 | 12.78% |
| CGW | WELL | LF2 | LF2MW01 | TSHW3*11 | 17-Apr-91 | 39 | 177 | 102 | | 10 | 1 | 1 | | 63 | 41.81% |
| CGW | WELL | LF2 | LF2MW02 | TSHW6*13 | 13-Jul-91 | 26 | 171 | 147 | | 11 | 4 | 1 | | 8 | 13.45% |
| CGW | WELL | LF2 | LF2MW02 | TSHW3*12 | 04-Apr-91 | 16.2 | 180 | 156 | | 9 | 4 | 1 | | 10 | 12.78% |
| CGW | WELL | LF2 | LF2MW04 | TSHW3*15 | 15-Apr-91 | 26.6 | 176 | 103 | | 9 | | 1 | | 63 | 40.91% |
| CGW | WELL | LF2 | LF2MW04S | TSHW3*14 | 07-Mar-91 | 7.1 | 179 | 92 | 1 | 3 | 3 | 2 | | 78 | 46.93% |
| CGW | WELL | LF2 | LF2MW05 | TSHW3*17 | 15-Apr-91 | 28 | 177 | 105 | | 6 | 1 | 1 | | 64 | 40.11% |
| CGW | WELL | LF2 | LF2MW05S | TSHW3*16 | 25-Mar-91 | 9.4 | 176 | 153 | | 7 | | 1 | | 15 | 12.50% |
| CGW | WELL | LF2 | LF2MW06 | TSHW6*21 | 29-Aug-91 | 21.5 | 176 | 167 | | 8 | | | 1 | | 4.55% |
| CGW | WELL | LF2 | LF2MW06 | TSHW3*19 | 18-Apr-91 | 22 | 176 | 152 | | 8 | | 1 | | 15 | 13.07% |
| CGW | WELL | LF2 | LF2MW06 | TSHW6*21 | 29-Aug-91 | 0 | 176 | 167 | | 8 | | | 1 | | 4.55% |
| CGW | WELL | LF2 | LF2MW06S | TSHW6*20 | 07-Aug-91 | 8.5 | 178 | 151 | 1 | 10 | 2 | 1 | | 13 | 14.04% |
| CGW | WELL | LF2 | LF2MW06S | TSHW3*18 | 25-Mar-91 | 7 | 176 | 153 | | 7 | | 1 | | 15 | 12.50% |
| CGW | WELL | LF2 | LF2MW07 | TSHW3*21 | 05-Apr-91 | 31.9 | 196 | 157 | | 10 | 20 | 1 | | 8 | 19.39% |
| CGW | WELL | LF2 | LF2MW07S | TSHW3*20 | 07-Mar-91 | 4.3 | 177 | 104 | 1 | 3 | 1 | 2 | | 66 | 39.55% |
| CGW | WELL | LF2 | LF2MW08 | FTSHW6*8 | 09-Aug-91 | 29 | 176 | 141 | | 10 | | 2 | | 23 | 18.75% |
| CGW | WELL | LF2 | LF2MW08S | FTSHW6*7 | 06-Aug-91 | 7.1 | 177 | 152 | | 10 | 1 | 1 | | 13 | 13.56% |
| CGW | WELL | LF2 | LF2MW09 | TSHW6*10 | 28-Aug-91 | 28 | 176 | 161 | | 9 | | | 1 | 5 | 7.95% |
| CGW | WELL | LF2 | LF2MW09S | FTSHW6*9 | 06-Aug-91 | 7.3 | 176 | 153 | | 9 | | 1 | | 13 | 12.50% |
| CSO | BORE | LF2 | LF2SB01 | TSHS3*20 | 25-Jan-91 | 24 | 192 | 152 | | 14 | 22 | | | 4 | 20.83% |
| CSO | BORE | LF2 | LF2SB01 | TSHS3*19 | 24-Jan-91 | 0 | 170 | 151 | | 15 | | | | 4 | 11.18% |

**TABLE 1: Remedial Investigation Samples with Data Qualifiers**
**Fort Sheridan Data Usability and Resampling Proposal**

| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | None | B | J | NJ | R | U | UJ | %J |
| CSO | BORE | LF2 | LF2SB02 | TSHS3*24 | 13-Jan-91 | 22 | 189 | 147 | | 8 | 19 | | 1 | 14 | 21.69% |
| CSO | BORE | LF2 | LF2SB02 | TSHS3*22 | 13-Jan-91 | 0 | 174 | 145 | | 15 | 4 | | | 10 | 16.67% |
| CSO | BORE | LF2 | LF2SB02 | TSHS3*23 | 13-Jan-91 | 10 | 192 | 146 | | 11 | 22 | | | 13 | 23.96% |
| CSO | BORE | LF2 | LF2SB03 | TSHS3*25 | 07-Mar-91 | 0 | 170 | 144 | | 14 | | | | 12 | 15.29% |
| CSO | BORE | LF2 | LF2SB03 | TSHS3*26 | 07-Mar-91 | 19 | 178 | 148 | | 7 | 8 | | 3 | 12 | 15.17% |
| CSO | BORE | LF2 | LF2SB03 | TSHS3*27 | 07-Mar-91 | 69 | 185 | 151 | | 14 | 15 | | | 5 | 18.38% |
| CSO | BORE | LF2 | LF2SB04D | TSHS3*29 | 08-Jan-91 | 14 | 192 | 145 | | 15 | 22 | | | 10 | 24.48% |
| CSO | BORE | LF2 | LF2SB04D | TSHS3*28 | 08-Jan-91 | 6 | 231 | 187 | | 13 | 21 | | | 10 | 19.05% |
| CSO | BORE | LF2 | LF2SB04D | TSHS3*30 | 08-Jan-91 | 29 | 231 | 179 | | 13 | 22 | | | 17 | 22.51% |
| CSO | BORE | LF2 | LF2SB05D | TSHS3*32 | 10-Jan-91 | 25 | 228 | 185 | | 14 | 19 | | | 10 | 18.86% |
| CSO | BORE | LF2 | LF2SB05D | TSHS3*31 | 10-Jan-91 | 6 | 210 | 186 | | 11 | 1 | | | 12 | 11.43% |
| CSO | BORE | LF2 | LF2SB05D | TSHS3*33 | 11-Jan-91 | 38 | 193 | 144 | | 14 | 23 | | | 12 | 25.39% |
| CSO | BORE | LF2 | LF2SB06D | TSHS3*34 | 13-Jan-91 | 0 | 170 | 147 | | 10 | | | 1 | 12 | 12.94% |
| CSO | BORE | LF2 | LF2SB06D | TSHS3*36 | 13-Jan-91 | 22 | 185 | 111 | | 18 | 15 | | | 41 | 40.00% |
| CSO | BORE | LF2 | LF2SB06D | TSHS3*35 | 13-Jan-91 | 10 | 192 | 145 | | 15 | 22 | | | 10 | 24.48% |
| CSO | BORE | LF2 | LF2SB07D | TSHS3*37 | 14-Jan-91 | 6 | 191 | 137 | | 17 | 21 | | | 16 | 28.27% |
| CSO | BORE | LF2 | LF2SB07D | TSHS3*39 | 15-Jan-91 | 32 | 192 | 141 | | 13 | 22 | | | 16 | 26.56% |
| CSO | BORE | LF2 | LF2SB07D | TSHS3*38 | 14-Jan-91 | 18 | 191 | 141 | | 14 | 21 | | | 15 | 26.18% |
| CSO | BORE | LF2 | LF2SB08 | TSHS6*26 | 23-Jul-91 | 4 | 171 | 152 | | 8 | 1 | | | 10 | 11.11% |
| CSO | BORE | LF2 | LF2SB08 | TSHS6*31 | 23-Jul-91 | 0 | 170 | 152 | | 9 | | | | 9 | 10.59% |
| CSO | BORE | LF2 | LF2SB08 | TSHS6*32 | 23-Jul-91 | 2 | 170 | 151 | | 10 | | | | 9 | 11.18% |
| CSO | BORE | LF2 | LF2SB09 | FTSHS6*3 | 24-Jul-91 | 4 | 180 | 152 | | 9 | 10 | | | 9 | 15.56% |
| CSO | BORE | LF2 | LF2SB09 | TSHS6*40 | 24-Jul-91 | 28 | 189 | 149 | | 15 | 19 | | | 6 | 21.16% |
| CSO | BORE | LF2 | LF2SB09 | TSHS6*39 | 24-Jul-91 | 20 | 184 | 151 | | 12 | 14 | | | 7 | 17.93% |
| CGW | WELL | LF3 | LF3MW01 | TSHW6*14 | 13-Jul-91 | 24 | 167 | 148 | | 9 | | 1 | | 9 | 10.78% |
| CGW | WELL | LF3 | LF3MW01 | TSHW3*22 | 02-Apr-91 | 12 | 167 | 148 | | 7 | | 1 | | 11 | 10.78% |
| CGW | WELL | LF3 | LF3MW02 | TSHW3*23 | 02-Apr-91 | 34.9 | 170 | 144 | | 11 | 3 | 1 | | 11 | 14.71% |
| CGW | WELL | LF3 | LF3MW03 | TSHW3*24 | 09-Apr-91 | 35 | 168 | 105 | | 7 | 1 | 1 | | 54 | 36.90% |
| CGW | WELL | LF3 | LF3MW04 | TSHW3*25 | 03-Apr-91 | 68.5 | 168 | 148 | | 9 | 1 | 1 | | 9 | 11.31% |
| CGW | WELL | LF3 | LF3MW05 | TSHW3*27 | 03-Apr-91 | 50 | 168 | 149 | | 7 | 1 | 1 | | 10 | 10.71% |
| CSO | BORE | LF3 | LF3SB01 | TSHS3*41 | 04-Feb-91 | 10 | 177 | 76 | | 13 | 18 | | 1 | 69 | 56.50% |
| CSO | BORE | LF3 | LF3SB01 | TSHS3*40 | 04-Feb-91 | 2 | 160 | 119 | | 14 | 1 | | | 26 | 25.63% |
| CSO | BORE | LF3 | LF3SB01 | TSHS3*42 | 05-Feb-91 | 18 | 177 | 107 | | 15 | 18 | | | 37 | 39.55% |
| CSO | BORE | LF3 | LF3SB02 | TSHS3*45 | 11-Feb-91 | 34 | 180 | 131 | | 11 | 21 | | | 17 | 27.22% |
| CSO | BORE | LF3 | LF3SB02 | TSHS3*43 | 10-Feb-91 | 2 | 159 | 141 | | 13 | | | | 5 | 11.32% |
| CSO | BORE | LF3 | LF3SB02 | TSHS3*44 | 10-Feb-91 | 20 | 175 | 120 | | 12 | 16 | | | 27 | 31.43% |
| CSO | BORE | LF3 | LF3SB03 | TSHS3*47 | 28-Jan-91 | 30 | 181 | 128 | | 13 | 22 | | | 18 | 29.28% |
| CSO | BORE | LF3 | LF3SB03 | TSHS3*48 | 28-Jan-91 | 34 | 106 | 79 | | 12 | 1 | | | 14 | 25.47% |
| CSO | BORE | LF3 | LF3SB03 | TSHS3*46 | 27-Jan-91 | 1 | 159 | 127 | | 15 | | | | 17 | 20.13% |
| CSO | BORE | LF3 | LF3SB04 | TSHS3*50 | 04-Feb-91 | 34 | 174 | 124 | 1 | 16 | 15 | | | 18 | 28.16% |
| CSO | BORE | LF3 | LF3SB04 | TSHS3*49 | 04-Feb-91 | 0 | 159 | 117 | | 19 | | | | 23 | 26.42% |
| CSO | BORE | LF3 | LF3SB04 | TSHS3*51 | 04-Feb-91 | 59 | 173 | 105 | 1 | 15 | 14 | | | 38 | 38.73% |
| CSO | BORE | LF3 | LF3SB04D | TSHS3*50 | 04-Feb-91 | 34 | 174 | 124 | 1 | 16 | 15 | | | 18 | 28.16% |
| CSO | BORE | LF3 | LF3SB04D | TSHS3*49 | 04-Feb-91 | 0 | 159 | 117 | | 19 | | | | 23 | 26.42% |
| CSO | BORE | LF3 | LF3SB04D | TSHS3*51 | 04-Feb-91 | 59 | 173 | 105 | 1 | 15 | 14 | | | 38 | 38.73% |
| CSO | BORE | LF3 | LF3SB05 | TSHS3*54 | 27-Jan-91 | 59 | 63 | 46 | | 12 | | | | 5 | 26.98% |
| CSO | BORE | LF3 | LF3SB05 | TSHS3*52 | 27-Jan-91 | 49 | 63 | 47 | | 10 | | | | 6 | 25.40% |
| CSO | BORE | LF3 | LF3SB05 | TSHS3*53 | 27-Jan-91 | 54 | 63 | 46 | | 12 | | | | 5 | 26.98% |
| CGW | WELL | LF5 | LF5MW01 | TSHW6*17 | 29-Aug-91 | 50.2 | 168 | 158 | | 9 | 1 | | | | 5.95% |
| CGW | WELL | LF5 | LF5MW02 | TSHW3*29 | 09-Apr-91 | 54 | 169 | 128 | | 8 | 2 | 1 | | 30 | 23.67% |
| CGW | WELL | LF5 | LF5MW03 | TSHW3*30 | 23-Mar-91 | 6.7 | 171 | 138 | | 8 | 4 | 16 | | 5 | 9.94% |
| CGW | WELL | LF5 | LF5MW04 | TSHW3*32 | 06-Apr-91 | 35 | 168 | 89 | | 8 | 1 | 1 | | 69 | 46.43% |
| CGW | WELL | LF5 | LF5MW04S | TSHW3*31 | 06-Apr-91 | 12.5 | 168 | 90 | | 6 | 1 | 1 | | 70 | 45.83% |
| CSO | BORE | LF5 | LF5SB01 | TSHS3*56 | 25-Feb-91 | 62 | 173 | 108 | | 15 | 14 | | | 36 | 37.57% |
| CSO | BORE | LF5 | LF5SB01 | TSHS3*55 | 24-Feb-91 | 28 | 179 | 133 | | 16 | 20 | | | 10 | 25.70% |
| CSO | BORE | LF5 | LF5SB02 | TSHS3*58 | 19-Feb-91 | 16 | 159 | 135 | | 12 | | | | 12 | 15.09% |
| CSO | BORE | LF5 | LF5SB02 | TSHS3*60 | 20-Feb-91 | 54 | 161 | 135 | | 13 | 2 | | | 11 | 16.15% |
| CSO | BORE | LF5 | LF5SB02 | TSHS3*59 | 20-Feb-91 | 48 | 169 | 135 | | 11 | | | | 13 | 14.20% |
| CSO | BORE | LF5 | LF5SB03 | TSHS3*61 | 06-Feb-91 | 2 | 174 | 77 | | 18 | 15 | | | 64 | 55.75% |
| CSO | BORE | LF5 | LF5SB03 | TSHS3*63 | 06-Feb-91 | 14 | 176 | 76 | | 14 | 17 | | 1 | 68 | 56.25% |
| CSO | BORE | LF5 | LF5SB03 | TSHS3*62 | 06-Feb-91 | 66 | 174 | 77 | 1 | 14 | 15 | | | 67 | 55.17% |
| CSO | BORE | LF5 | LF5SB04D | TSHS3*65 | 07-Feb-91 | 10 | 180 | 107 | | 16 | 21 | | | 36 | 40.56% |
| CSO | BORE | LF5 | LF5SB04D | TSHS3*64 | 07-Feb-91 | 6 | 178 | 119 | | 18 | 19 | | | 22 | 33.15% |
| CSO | BORE | LF5 | LF5SB04D | TSHS3*66 | 07-Feb-91 | 24 | 171 | 107 | | 14 | 12 | | | 38 | 37.43% |
| CGW | WELL | LF6 | LF6MW01 | TSHW3*34 | 09-Apr-91 | 51.7 | 168 | 91 | | 7 | 1 | 1 | | 68 | 45.24% |
| CGW | WELL | LF6 | LF6MW01 | TSHW6*15 | 14-Jul-91 | 53 | 167 | 147 | | 12 | | 1 | | 7 | 11.38% |
| CGW | WELL | LF6 | LF6MW02 | TSHW3*35 | 08-Apr-91 | 55.1 | 169 | 89 | | 7 | 2 | 1 | | 70 | 46.75% |
| CGW | WELL | LF6 | LF6MW03 | TSHW3*36 | 08-Apr-91 | 28.5 | 71 | 57 | | 11 | | 1 | | 2 | 18.31% |
| CGW | WELL | LF6 | LF6MW03 | TSHW3*46 | 15-Apr-91 | 30.7 | 96 | 43 | | | | | | 53 | 55.21% |
| CGW | WELL | LF6 | LF6MW04 | TSHW3*38 | 19-Apr-91 | 50 | 168 | 144 | | 7 | 1 | 1 | | 15 | 13.69% |
| CGW | WELL | LF6 | LF6MW04S | TSHW3*37 | 19-Apr-91 | 24.6 | 169 | 145 | | 7 | 2 | 1 | | 14 | 13.61% |
| CSO | BORE | LF6 | LF6SB01 | TSHS3*67 | 20-Feb-91 | 4 | 160 | 134 | 1 | 13 | 1 | | | 11 | 15.63% |
| CSO | BORE | LF6 | LF6SB01 | TSHS3*68 | 20-Feb-91 | 29 | 161 | 125 | 1 | 15 | 2 | | | 18 | 21.74% |
| CSO | BORE | LF6 | LF6SB02 | TSHS3*70 | 12-Feb-91 | 29 | 178 | 130 | | 12 | 19 | | | 17 | 26.97% |
| CSO | BORE | LF6 | LF6SB02 | TSHS3*72 | 12-Feb-91 | 54 | 175 | 139 | | 11 | 16 | | | 9 | 20.57% |
| CSO | BORE | LF6 | LF6SB02 | TSHS3*71 | 12-Feb-91 | 49 | 170 | 119 | | 13 | 11 | | | 27 | 30.00% |
| CSO | BORE | LF6 | LF6SB03 | TSHS3*73 | 06-Feb-91 | 1 | 159 | 127 | | 14 | | | 1 | 17 | 19.50% |
| CSO | BORE | LF6 | LF6SB03 | TSHS3*74 | 07-Feb-91 | 29 | 177 | 126 | | 16 | 18 | | | 17 | 28.81% |
| CSO | BORE | LF6 | LF6SB03 | TSHS3*75 | 07-Feb-91 | 54 | 181 | 127 | | 16 | 22 | | | 16 | 29.83% |
| CSO | BORE | LF6 | LF6SB04D | TSHS3*78 | 04-Mar-91 | 59 | 170 | 141 | | 13 | 11 | | | 5 | 17.06% |
| CSO | BORE | LF6 | LF6SB04D | TSHS3*77 | 04-Mar-91 | 29 | 174 | 141 | | 13 | 15 | | | 5 | 18.97% |
| CSO | BORE | LF6 | LF6SB04D | TSHS3*76 | 09-Feb-91 | 14 | 159 | 132 | | 14 | | | | 13 | 16.98% |
| CGW | WELL | LF7 | LF7G-101 | TSHW3*42 | 22-Apr-91 | 35.3 | 169 | 144 | | 7 | 2 | 1 | | 15 | 14.20% |
| CGW | WELL | LF7 | LF7G-102 | TSHW3*43 | 22-Apr-91 | 35 | 172 | 143 | | 9 | 5 | 1 | | 14 | 16.28% |
| CGW | WELL | LF7 | LF7G-104 | TSHW3*44 | 23-Apr-91 | 14.9 | 170 | 144 | | 8 | 3 | 1 | | 14 | 14.71% |
| CGW | WELL | LF7 | LF7MW01 | TSHW3*39 | 09-Apr-91 | 58 | 170 | 135 | | 9 | 3 | 1 | | 22 | 20.00% |

| TABLE 1: Remedial Investigation Samples with Data Qualifiers | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Fort Sheridan Data Usability and Resampling Proposal | | | | | | | | | | | | | | | |
| | | | | | | Sample | Number | Number of analytes with qualifier type shown below | | | | | | | |
| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Depth (feet) | of Analytes | None | B | J | NJ | R | U | UJ | %J |
| CGW | WELL | LF7 | LF7MW01 | TSHW6*16 | 15-Jul-91 | 58 | 167 | 149 | | 9 | | 1 | | 8 | 10.18% |
| CGW | WELL | LF7 | LF7MW02 | TSHW3*40 | 17-Apr-91 | 29.2 | 168 | 98 | | 6 | 1 | 1 | | 62 | 41.07% |
| CGW | WELL | LF7 | LF7MW03 | TSHW3*41 | 16-Apr-91 | 31.8 | 173 | 84 | | 8 | 6 | 1 | | 74 | 50.87% |
| CGW | WELL | LF7 | LF7MW04 | FTSHW3*7 | 07-Mar-91 | 5 | 3 | 3 | | | | | | | 0.00% |
| CGW | WELL | LF7 | LF7MW04 | FTSHW3*4 | 11-Feb-91 | 5 | 165 | 155 | | 3 | | 1 | | 6 | 5.45% |
| CGW | WELL | LF7 | LF7MW04S | FTSHW3*3 | 26-Feb-91 | 1.5 | 166 | 153 | | 4 | | 1 | | 8 | 7.23% |
| CGW | WELL | LF7 | LF7MW05 | FTSHW3*6 | 11-Feb-91 | 38.5 | 177 | 153 | | 7 | 12 | 1 | | 4 | 12.99% |
| CGW | WELL | LF7 | LF7MW05 | FTSHW3*8 | 27-Feb-91 | 14 | 2 | 2 | | | | | | | 0.00% |
| CGW | WELL | LF7 | LF7MW05S | FTSHW3*5 | 11-Mar-91 | 8.2 | 171 | 135 | 1 | 4 | 4 | 2 | | 25 | 19.30% |
| CGW | WELL | LF7 | LF7MW06 | FTSHW6*6 | 09-Aug-91 | 13 | 167 | 133 | | 8 | | 2 | | 24 | 19.16% |
| CGW | WELL | LF7 | LF7MW06S | FTSHW6*5 | 09-Aug-91 | 8.5 | 168 | 132 | | 9 | 1 | 2 | | 24 | 20.24% |
| CSO | STSW | LF7 | LF7LCS | TSHS5*15 | 16-May-91 | 17.1 | 171 | 137 | | 15 | 12 | | | 7 | 19.88% |
| CSO | STSW | LF7 | LF7LCS | TSHS5*15 | 16-May-91 | 0.6 | 171 | 137 | | 15 | 12 | | | 7 | 19.88% |
| CSO | BORE | LF7 | LF7SB01 | TSHS3*81 | 22-Feb-91 | 54 | 170 | 120 | | 13 | 11 | | | 26 | 29.41% |
| CSO | BORE | LF7 | LF7SB01 | TSHS3*80 | 21-Feb-91 | 24 | 175 | 116 | | 13 | 16 | | | 30 | 33.71% |
| CSO | BORE | LF7 | LF7SB01 | TSHS3*79 | 21-Feb-91 | 4 | 161 | 141 | | 14 | 2 | | | 4 | 12.42% |
| CSO | BORE | LF7 | LF7SB02 | TSHS3*82 | 22-Feb-91 | 6 | 161 | 142 | | 12 | 2 | | | 5 | 11.80% |
| CSO | BORE | LF7 | LF7SB02 | TSHS3*83 | 22-Feb-91 | 16 | 175 | 142 | | 13 | 16 | | | 4 | 18.86% |
| CSO | BORE | LF7 | LF7SB02 | TSHS3*84 | 22-Feb-91 | 24 | 175 | 142 | | 14 | 16 | | | 3 | 18.86% |
| CSO | BORE | LF7 | LF7SB03 | TSHS3*86 | 10-Mar-91 | 19 | 176 | 142 | | 15 | 17 | | | 2 | 19.32% |
| CSO | BORE | LF7 | LF7SB03 | TSHS3*87 | 10-Mar-91 | 29 | 159 | 142 | | 15 | | | | 2 | 10.69% |
| CSO | BORE | LF7 | LF7SB03 | TSHS3*85 | 10-Mar-91 | 0 | 159 | 143 | | 14 | | | | 2 | 10.06% |
| CSO | BORE | LF7 | LF7SB04D | TSHS3*89 | 23-Jan-91 | 4 | 181 | 141 | | 13 | 22 | | | 5 | 22.10% |
| CSO | BORE | LF7 | LF7SB04D | TSHS3*90 | 23-Jan-91 | 34 | 181 | 143 | | 9 | 22 | | | 7 | 20.99% |
| CSO | BORE | LF7 | LF7SB04D | TSHS3*88 | 23-Jan-91 | 0 | 159 | 143 | | 9 | | | | 7 | 10.06% |
| CSO | BORE | LF7 | LF7SB05D | TSHS3*92 | 26-Jan-91 | 20 | 63 | 46 | | 13 | | | | 4 | 26.98% |
| CSO | BORE | LF7 | LF7SB05D | TSHS3*93 | 26-Jan-91 | 38 | 63 | 26 | | 10 | | | | 27 | 58.73% |
| CSO | BORE | LF7 | LF7SB05D | TSHS3*91 | 26-Jan-91 | 4 | 63 | 47 | | 11 | | | | 5 | 25.40% |
| CSO | BORE | LF7 | LF7SB06D | TSHS6*43 | 25-Jul-91 | 30 | 179 | 139 | | 14 | 20 | | | 6 | 22.35% |
| CSO | BORE | LF7 | LF7SB06D | TSHS6*41 | 25-Jul-91 | 2 | 160 | 142 | | 9 | 1 | | | 8 | 11.25% |
| CSO | BORE | LF7 | LF7SB06D | TSHS6*42 | 25-Jul-91 | 18 | 179 | 139 | | 13 | 20 | | | 7 | 22.35% |
| CSO | LAFL | LF7 | LF7SEEPN | TSHS5*16 | 02-May-91 | 0 | 178 | 140 | 1 | 14 | 19 | | | 4 | 20.79% |
| CSO | LAFL | LF7 | LF7SEEPS | TSHS5*17 | 02-May-91 | 0 | 169 | 139 | | 15 | 10 | | | 5 | 17.75% |
| CSO | BASN | LF7 | SB-LF7 | TSHS5*30 | 13-May-91 | 0 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% |
| CSW | SUMP | LF7 | LF7LCS | TSHW5*36 | 16-May-91 | 13.8 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% |
| CSW | LAFL | LF7 | LF7SEEPN | TSHW5*34 | 02-May-91 | 0 | 169 | 87 | | 12 | 2 | 66 | | 2 | 9.47% |
| CSW | LAFL | LF7 | LF7SEEPS | TSHW5*35 | 02-May-91 | 0 | 178 | 148 | | 12 | 11 | 1 | | 6 | 16.29% |
| CSW | BASN | LF7 | SB-LF7 | TSHW5*25 | 13-May-91 | 0 | 167 | 133 | | 10 | | 1 | | 23 | 19.76% |
| CSO | BORE | NIKEMFP | MFPSB01 | TSHS1*54 | 25-Jan-91 | 1 | 173 | 113 | | 18 | 5 | | | 37 | 34.68% |
| CSO | BORE | NIKEMFP | MFPSB01 | TSHS1*55 | 25-Jan-91 | 14 | 188 | 135 | | 16 | 20 | | | 17 | 28.19% |
| CSO | BORE | NIKEMFP | MFPSB01 | TSHS1*56 | 26-Jan-91 | 34 | 186 | 114 | | 14 | 18 | | | 40 | 38.71% |
| CSO | PIT | NIKEMFP | MFPTP1 | TSHS4*89 | 08-Mar-91 | 2.5 | 173 | 143 | | 15 | 3 | | | 12 | 17.34% |
| CSO | PIT | NIKEMFP | MFPTP1 | TSHS4*90 | 08-Mar-91 | 14 | 185 | 145 | | 13 | 15 | | | 12 | 21.62% |
| CSO | PIT | NIKEMFP | MFPTP2 | TSHS4*91 | 24-Feb-91 | 7 | 177 | 141 | | 14 | 8 | | | 14 | 20.34% |
| CSO | PIT | NIKEMFP | MFPTP2 | TSHS4*92 | 24-Feb-91 | 14.5 | 189 | 141 | | 14 | 19 | | | 15 | 25.40% |
| CBI | BLDG | NIKESILO | NMSEW-B | FTSHS7*1 | 26-Jul-91 | 14 | 105 | 92 | | | 2 | | | 11 | 12.38% |
| CBI | BLDG | NIKESILO | NMSF-B1 | TSHS7*12 | 26-Jul-91 | 17 | 133 | 107 | | 12 | 7 | | | 7 | 19.55% |
| CBI | BLDG | NIKESILO | NMSNW-B | FTSHS7*2 | 26-Jul-91 | 12 | 105 | 92 | | | 2 | | | 11 | 12.38% |
| CBI | BLDG | NIKESILO | NMSWW-B | FTSHS7*3 | 26-Jul-91 | 13.5 | 105 | 92 | | | 2 | | | 11 | 12.38% |
| CBI | BLDG | NIKESILO | SMSEW-B | FTSHS7*8 | 26-Jul-91 | 14 | 104 | 92 | | | 1 | | | 11 | 11.54% |
| CBI | BLDG | NIKESILO | SMSNW-B | TSHS7*10 | 26-Jul-91 | 15 | 103 | 92 | | | | | | 11 | 10.68% |
| CBI | BLDG | NIKESILO | SMSSW-B | FTSHS7*9 | 26-Jul-91 | 14.5 | 103 | 92 | | | | | | 11 | 10.68% |
| CBI | BLDG | NIKESILO | SMSWW-B | TSHS7*11 | 26-Jul-91 | 12.5 | 103 | 93 | | | | | | 10 | 9.71% |
| CBI | BLDG | NIKESILO | WMSEW-B | FTSHS7*4 | 26-Jul-91 | 14 | 104 | 92 | | | 1 | | | 11 | 11.54% |
| CBI | BLDG | NIKESILO | WMSNW-B | FTSHS7*6 | 26-Jul-91 | 12.5 | 104 | 92 | | | 1 | | | 11 | 11.54% |
| CBI | BLDG | NIKESILO | WMSSW-B | FTSHS7*5 | 26-Jul-91 | 14 | 105 | 92 | | | 2 | | | 11 | 12.38% |
| CBI | BLDG | NIKESILO | WMSWW- | FTSHS7*7 | 26-Jul-91 | 14 | 104 | 92 | | | 1 | | | 11 | 11.54% |
| CSW | STWA | NIKESILO | N.MISSLE. | TSHW5*47 | 17-May-91 | 6 | 27 | 5 | | | | | | 22 | 81.48% |
| CSW | STWA | NIKESILO | N.MISSLE. | TSHW1*25 | 26-Mar-91 | 0 | 131 | 124 | | | 2 | | | 5 | 5.34% |
| CSO | OTFL | OFFICER | C-4810 | TSHS5*35 | 02-May-91 | 0 | 181 | 137 | | 13 | 22 | | | 9 | 24.31% |
| CSW | OTFL | OFFICER | C-4810 | TSHW5*30 | 02-May-91 | 0 | 167 | 148 | | 10 | | 1 | | 8 | 10.78% |
| CSO | OTFL | SCOTLOO | OD-2 | TSHS5*34 | 01-May-91 | 0 | 180 | 136 | | 15 | 23 | | | 6 | 24.44% |
| CSW | OTFL | SCOTLOO | OD-2 | TSHW5*29 | 01-May-91 | 0 | 168 | 146 | | 11 | 1 | 1 | | 9 | 12.50% |
| CSO | STSW | SEWER | MH-0039 | FTSHS5*5 | 19-May-91 | 5.4 | 161 | 87 | | 15 | 2 | | 1 | 56 | 45.34% |
| CSO | STSW | SEWER | MH-0039 | FTSHS5*5 | 19-May-91 | 0.2 | 161 | 87 | | 15 | 2 | | 1 | 56 | 45.34% |
| CSO | STSW | SEWER | MH-3870 | TSHS5*12 | 14-May-91 | -5.2 | 39 | 35 | | | | | | 4 | 10.26% |
| CSO | STSW | SEWER | MH-3870 | TSHS5*37 | 16-May-91 | 0.2 | 149 | 98 | | 10 | | 9 | 3 | 29 | 26.17% |
| CSO | STSW | SEWER | MH-3870 | TSHS5*37 | 16-May-91 | 5.2 | 149 | 98 | | 10 | | 9 | 3 | 29 | 26.17% |
| CSO | STSW | SEWER | MH-4100 | TSHS5*19 | 15-May-91 | -5.2 | 195 | 132 | | 11 | 7 | 9 | 3 | 33 | 26.15% |
| CSO | STSW | SEWER | MH-4100 | TSHS5*19 | 15-May-91 | -0.2 | 195 | 132 | | 11 | 7 | 9 | 3 | 33 | 26.15% |
| CSO | STSW | SEWER | MH-4510 | TSHS5*11 | 20-May-91 | 8.1 | 39 | 35 | | | | | | 4 | 10.26% |
| CSO | STSW | SEWER | MH-4590 | TSHS5*13 | 15-May-91 | -0.2 | 198 | 143 | | 11 | 10 | | 4 | 30 | 25.76% |
| CSO | STSW | SEWER | MH-4590 | TSHS5*13 | 15-May-91 | -7.1 | 198 | 143 | | 11 | 10 | | 4 | 30 | 25.76% |
| CSO | STSW | SEWER | MH-5810 | TSHS5*25 | 17-May-91 | 9.1 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% |
| CSO | STSW | SEWER | MH-5810 | TSHS5*25 | 17-May-91 | 0.3 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% |
| CSW | STSW | SEWER | MH-0039 | FTSHW5*5 | 19-May-91 | 5.4 | 176 | 141 | | 6 | 9 | 1 | | 19 | 19.32% |
| CSW | STSW | SEWER | MH-2560 | FTSHW5*8 | 19-May-91 | 25.7 | 181 | 147 | | 6 | 14 | 1 | | 13 | 18.23% |
| CSW | STSW | SEWER | MH-2760 | FTSHW5*9 | 16-May-91 | 11 | 168 | 132 | | 10 | 1 | 1 | | 24 | 20.83% |
| CSW | STSW | SEWER | MH-3870 | TSHW5*11 | 14-May-91 | -5 | 196 | 145 | | 10 | | 1 | | 40 | 25.51% |
| CSW | STSW | SEWER | MH-3940 | TSHW5*15 | 14-May-91 | -5.3 | 197 | 144 | | 11 | 1 | 1 | | 40 | 26.40% |
| CSW | STSW | SEWER | MH-4100 | TSHW5*14 | 15-May-91 | -4.8 | 196 | 154 | | 10 | | 1 | | 31 | 20.92% |
| CSW | STSW | SEWER | MH-4510 | TSHW5*10 | 20-May-91 | 5.5 | 196 | 149 | | 5 | | 1 | | 41 | 23.47% |
| CSW | STSW | SEWER | MH-4570 | TSHW5*13 | 16-May-91 | 3.5 | 170 | 119 | | 11 | 3 | 17 | | 20 | 20.00% |
| CSW | STSW | SEWER | MH-4590 | TSHW5*12 | 15-May-91 | -6.9 | 223 | 152 | | 14 | 27 | 1 | | 29 | 31.39% |
| CSW | STSW | SEWER | MH-5730 | TSHW5*21 | 18-May-91 | 9.8 | 167 | 134 | | 5 | | 1 | | 27 | 19.16% |
| CSW | STSW | SEWER | MH-5810 | TSHW5*20 | 17-May-91 | 9.1 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% |

**TABLE 1: Remedial Investigation Samples with Data Qualifiers**

**Fort Sheridan Data Usability and Resampling Proposal**

| Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | None | B | J | NJ | R | U | UJ | %J |
| CSW | STSW | SEWER | MH-6130 | TSHW5*22 | 19-May-91 | 33 | 167 | 148 | | 6 | | 1 | | 12 | 10.78% |
| CSW | STSW | SEWER | MH-6331 | TSHW5*19 | 17-May-91 | 7.5 | 167 | 135 | 1 | 13 | | 1 | | 17 | 17.96% |
| CSO | OTFL | SHENCK | OD-3 | TSHS5*36 | 13-May-91 | 0 | 161 | 141 | | 7 | 2 | | 3 | 8 | 10.56% |
| CSW | OTFL | SHENCK | OD-3 | TSHW5*31 | 13-May-91 | 0 | 173 | 133 | | 10 | 6 | 1 | | 23 | 22.54% |
| CSO | TRIP | TRIPBLNK | TB04 | TSHSTB*4 | 27-Nov-90 | 0 | | | | | | | | | #DIV/0! |
| CSO | TRIP | TRIPBLNK | TB05 | TSHSTB*5 | 28-Nov-90 | 0 | | | | | | | | | #DIV/0! |
| CSO | TRIP | TRIPBLNK | TB06 | TSHSTB*6 | 29-Nov-90 | 0 | | | | | | | | | #DIV/0! |
| CSO | DTCH | VANHORN | C-5030 | TSHS5*22 | 02-May-91 | 0 | 161 | 144 | | 7 | 2 | | 3 | 5 | 8.70% |
| CSO | DTCH | VANHORN | C-5360 | TSHS5*23 | 02-May-91 | 0 | 174 | 145 | | 7 | 15 | | 3 | 4 | 14.94% |
| CSW | DTCH | VANHORN | C-5030 | TSHW5*17 | 02-May-91 | 0 | 167 | 149 | 1 | 9 | | 1 | | 7 | 9.58% |
| CSW | DTCH | VANHORN | C-5360 | TSHW5*18 | 02-May-91 | 0 | 167 | 149 | | 10 | | 1 | | 7 | 10.18% |
| CSO | PIT | VES1 | VES1TP1 | TSHS4*20 | 26-Feb-91 | 7.5 | 143 | 122 | | 1 | 8 | | | 12 | 14.69% |
| CSO | PIT | VES1 | VES1TP1 | TSHS4*19 | 26-Feb-91 | 2.5 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES1 | VES1TP2 | TSHS4*22 | 25-Feb-91 | 7 | 141 | 122 | | 1 | 6 | | | 12 | 13.48% |
| CSO | PIT | VES1 | VES1TP2 | TSHS4*21 | 25-Feb-91 | 2.5 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES1 | VES1TP3 | TSHS4*24 | 26-Feb-91 | 8 | 153 | 134 | | | 18 | | | 1 | 12.42% |
| CSO | PIT | VES1 | VES1TP3 | TSHS4*23 | 26-Feb-91 | 2.5 | 136 | 133 | | | 1 | | | 2 | 2.21% |
| CSO | PIT | VES2 | VES2TP1 | TSHS4*25 | 22-Feb-91 | 2.5 | 136 | 132 | | | 1 | | | 3 | 2.94% |
| CSO | PIT | VES2 | VES2TP1 | TSHS4*26 | 22-Feb-91 | 7.2 | 136 | 133 | | | 1 | | | 2 | 2.21% |
| CSO | PIT | VES2 | VES2TP2 | TSHS4*28 | 22-Feb-91 | 7 | 141 | 131 | | | 7 | | | 3 | 7.09% |
| CSO | PIT | VES2 | VES2TP2 | TSHS4*27 | 22-Feb-91 | 2.5 | 137 | 131 | | | 3 | | | 3 | 4.38% |
| CSO | PIT | VES5 | VES5TP1 | TSHS4*29 | 20-Feb-91 | 2.5 | 142 | 126 | | | 7 | | | 9 | 11.27% |
| CSO | PIT | VES5 | VES5TP1 | TSHS4*30 | 20-Feb-91 | 8 | 135 | 126 | | | | | | 9 | 6.67% |
| CSO | PIT | VES5 | VES5TP2 | TSHS4*31 | 20-Feb-91 | 2.5 | 135 | 126 | | | | | | 9 | 6.67% |
| CSO | PIT | VES5 | VES5TP2 | TSHS4*32 | 20-Feb-91 | 7 | 135 | 126 | | | | | | 9 | 6.67% |
| CSO | PIT | VES5 | VES5TP3 | TSHS4*33 | 21-Feb-91 | 2.5 | 135 | 126 | | | | | | 9 | 6.67% |
| CSO | PIT | VES5 | VES5TP3 | TSHS4*34 | 21-Feb-91 | 14.5 | 152 | 116 | 1 | 1 | 17 | | | 17 | 23.03% |
| CSO | PIT | VES5 | VES5TP4 | TSHS4*36 | 06-Mar-91 | 7 | 140 | 132 | | | 5 | | | 3 | 5.71% |
| CSO | PIT | VES5 | VES5TP4 | TSHS4*35 | 06-Mar-91 | 2 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | BORE | VES6 | VES6SB01 | TSHS1*35 | 23-Jan-91 | 4 | 143 | 121 | | | 8 | | | 14 | 15.38% |
| CSO | BORE | VES6 | VES6SB01 | TSHS1*36 | 23-Jan-91 | 10 | 154 | 121 | | | 19 | | | 14 | 21.43% |
| CSO | BORE | VES6 | VES6SB01 | TSHS1*34 | 23-Jan-91 | 1 | 137 | 121 | | | 2 | | | 14 | 11.68% |
| CSO | PIT | VES6 | VES6TP1 | TSHS4*38 | 05-Mar-91 | 8 | 136 | 132 | | | 1 | | | 3 | 2.94% |
| CSO | PIT | VES6 | VES6TP1 | TSHS4*37 | 05-Mar-91 | 3 | 141 | 132 | | | 6 | | | 3 | 6.38% |
| CSO | PIT | VES6 | VES6TP2 | TSHS4*39 | 05-Mar-91 | 2 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES6 | VES6TP2 | TSHS4*40 | 05-Mar-91 | 7 | 140 | 132 | | | 5 | | | 3 | 5.71% |
| CSO | PIT | VES6 | VES6TP3 | TSHS4*41 | 12-Feb-91 | 2 | 141 | 131 | | | 6 | | | 4 | 7.09% |
| CSO | PIT | VES6 | VES6TP3 | TSHS4*41 | 12-Feb-91 | 1.9 | 141 | 131 | | | 6 | | | 4 | 7.09% |
| CSO | PIT | VES6 | VES6TP3 | TSHS4*42 | 12-Feb-91 | 6.4 | 135 | 110 | | 1 | | | | 24 | 18.52% |
| CSO | PIT | VES7 | VES7TP1 | TSHS4*48 | 24-Feb-91 | 7 | 140 | 132 | | | 5 | | | 3 | 5.71% |
| CSO | PIT | VES7 | VES7TP1 | TSHS4*47 | 24-Feb-91 | 2.5 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES7 | VES7TP2 | TSHS4*46 | 23-Feb-91 | 7 | 136 | 132 | | | 1 | | | 3 | 2.94% |
| CSO | PIT | VES7 | VES7TP2 | TSHS4*45 | 23-Feb-91 | 1.5 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES7 | VES7TP3 | TSHS4*44 | 23-Feb-91 | 7 | 143 | 123 | | 2 | 8 | | | 10 | 13.99% |
| CSO | PIT | VES7 | VES7TP3 | TSHS4*43 | 23-Feb-91 | 2.5 | 136 | 131 | | | 1 | | | 4 | 3.68% |
| CSO | PIT | VES9 | VES9TP1 | TSHS4*49 | 07-Mar-91 | 1.6 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES9 | VES9TP1 | TSHS4*50 | 07-Mar-91 | 7 | 136 | 132 | | | 1 | | | 3 | 2.94% |
| CSO | PIT | VES9 | VES9TP2 | TSHS4*51 | 07-Mar-91 | 2 | 135 | 132 | | | | | | 3 | 2.22% |
| CSO | PIT | VES9 | VES9TP2 | TSHS4*52 | 07-Mar-91 | 7 | 137 | 132 | | | 2 | | | 3 | 3.65% |
| CSO | PIT | VES9 | VES9TP3 | TSHS4*54 | 07-Mar-91 | 3 | 165 | 123 | | | 30 | | | 12 | 25.45% |
| CSO | PIT | VES9 | VES9TP3 | TSHS4*53 | 07-Mar-91 | 1.7 | 149 | 123 | | | 14 | | | 12 | 17.45% |
| CSO | PIT | VES9 | VES9TP4 | TSHS4*55 | 08-Mar-91 | 3 | 135 | 123 | | | | | | 12 | 8.89% |
| CSO | PIT | VES9 | VES9TP4 | TSHS4*56 | 08-Mar-91 | 7.5 | 142 | 123 | | | 7 | | | 12 | 13.38% |
| CSO | STSW | WELLS | AI10-36 | TSHS5*28 | 17-May-91 | 0.2 | 159 | 130 | | 7 | | 9 | 5 | 8 | 9.43% |
| CSO | STSW | WELLS | AI10-36 | TSHS5*28 | 17-May-91 | 6.5 | 159 | 130 | | 7 | | 9 | 5 | 8 | 9.43% |
| CSO | OTFL | WELLS | LF7BP1 | TSHS5*38 | 03-May-91 | 0 | 162 | 140 | | 10 | 3 | | 2 | 7 | 12.35% |
| CSW | STSW | WELLS | AI10-18 | TSHW5*24 | 17-May-91 | 6 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% |
| CSW | STSW | WELLS | AI10-36 | TSHW5*23 | 17-May-91 | 6.5 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% |
| CSW | OTFL | WELLS | LF7BP1 | TSHW5*33 | 03-May-91 | 0 | 167 | 147 | | 11 | | 1 | | 8 | 11.38% |

Legend:

| | | | |
|---|---|---|---|
| CBI | Building Interior | DTCH | Ditch |
| CGW | Groundwater | LAFL | Landfill |
| CSE | Sediments | MAHO | Manhole |
| CSO | Soils | OTFL | Outfall |
| CSW | Surface Water | STSW | Storm Sewer |
| BASN | Basin | STWA | Standing Water |
| BLDG | Building | TRIP | Trip Blank |
| CONC | Concrete | WIPE | Wipe |
| DRWM | Drill water source | WOOD | Wood |

**TABLE 2: Fort Sheridan 1990-1991 RI Samples with Rejected Analytes During Data Validation**

**Fort Sheridan Data Usability and Resampling Proposal**

**(Legend of abbreviations at end of table.)**

| Rejected? | Resample? | Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below \| None | B | J | NJ | R | U | UJ | %J | Rejected Analyte 1 | Rejected Analyte 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No | No | CSW | OTFL | AIRPORT | C-0300 | TSHW5*27 | 01-May-91 | 0 | 182 | 123 | 1 | 9 | 6 | 1 | | 42 | 31.32% | MEK | |
| No | Yes | CGW | WELL | B115 | B115MW01 | FTSHW1*1 | 15-Apr-91 | 19.8 | 159 | 119 | | 6 | 1 | 1 | | 32 | 24.53% | MEK | |
| No | Yes | CGW | WELL | B122 | B122MW01 | FTSHW6*1 | 23-Jul-91 | 12 | 188 | 144 | | 9 | 2 | 1 | | 32 | 22.87% | MEK | |
| No | Yes | CGW | WELL | B122 | B122MW02 | TSHW6*22 | 23-Jul-91 | 11.5 | 190 | 143 | | 9 | 4 | 1 | | 33 | 24.21% | MEK | |
| No | No | CSO | WIPE | B122 | 122F1WP1 | FTSHS2*6 | 15-Nov-90 | 0 | 124 | 84 | | | 6 | 2 | | 32 | 30.65% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B122 | 122F1WP2 | FTSHS2*7 | 15-Nov-90 | 0 | 118 | 84 | | | | 2 | | 32 | 27.12% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B122 | B122BLK | FTSHS2*8 | 15-Nov-90 | 0 | 119 | 84 | | | 1 | 2 | | 32 | 27.73% | 24DNP | 46DN2CR |
| Yes | Yes | CSO | BORE | B122 | B122SB10 | FTSHS6*4 | 10-Jul-91 | 1 | 187 | 100 | | 15 | 1 | 35 | | 36 | 27.81% | NC | NC |
| Yes | Yes | CSO | BORE | B122 | B122SB10 | FTSHS6*6 | 10-Jul-91 | 9 | 187 | 113 | | 13 | 1 | 35 | 1 | 24 | 20.32% | NC | NC |
| Yes | Yes | CSO | BORE | B122 | B122SB10 | FTSHS6*5 | 10-Jul-91 | 4 | 191 | 109 | | 14 | 5 | 35 | | 28 | 24.61% | NC | NC |
| Yes | Yes | CSO | BORE | B122 | B122SB11 | FTSHS6*7 | 10-Jul-91 | 4 | 186 | 99 | | 14 | | 35 | 1 | 37 | 27.42% | NC | NC |
| Yes | Yes | CSO | BORE | B122 | B122SB12 | TSHS6*11 | 10-Jul-91 | 9 | 188 | 99 | | 15 | 2 | 35 | 1 | 36 | 28.19% | NC | NC |
| Yes | Yes | CSO | BORE | B122 | B122SB13 | TSHS6*13 | 10-Jul-91 | 1 | 187 | 94 | | 7 | 1 | 44 | 4 | 37 | 24.06% | NC | NC |
| No | Yes | CGW | WELL | B125 | B125MW01 | FTSHW1*6 | 08-Feb-91 | 26.1 | 159 | 150 | | 2 | 1 | 1 | | 5 | 5.03% | MEK | |
| Yes | Yes | CGW | WELL | B125 | B125MW01B | FTSHW1*4 | 12-Dec-90 | 9 | 161 | 131 | | 9 | 3 | 12 | | 6 | 11.18% | NC | NC |
| Yes | Yes | CGW | WELL | B125 | B125MW01B | FTSHW1*4 | 12-Dec-90 | 5.7 | 161 | 131 | | 9 | 3 | 12 | | 6 | 11.18% | NC | NC |
| No | Yes | CGW | WELL | B125 | B125MW02 | FTSHW1*5 | 11-Jan-91 | 5.7 | 164 | 149 | | 5 | 6 | 4 | | | 6.71% | NC | NC |
| No | Yes | CGW | WELL | B125 | B125MW04 | TSHW6*24 | 14-Nov-91 | 10 | 158 | 140 | | 7 | | 2 | | 9 | 10.13% | MEK | MIBK |
| No | No | CSO | WIPE | B137 | 137F1WP1 | FTSHS2*9 | 14-Nov-90 | 0 | 120 | 98 | | 4 | | 2 | 6 | 10 | 11.67% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B137 | 137F1WP2 | TSHS2*10 | 14-Nov-90 | 0 | 137 | 95 | | 5 | 18 | 2 | 7 | 10 | 24.09% | 24DNP | 46DN2CR |
| No | No | CSO | PIT | B137 | B137TP2 | TSHS4*59 | 25-Mar-91 | 3 | 161 | 135 | | 15 | 2 | 1 | | 8 | 15.53% | MEK | |
| No | No | CSO | PIT | B137 | B137TP2 | TSHS4*60 | 25-Mar-91 | 6.7 | 160 | 134 | | 13 | 1 | 1 | 1 | 10 | 15.00% | MEK | |
| No | No | CSO | WIPE | B139 | 139F1WP1 | TSHS2*11 | 14-Nov-90 | 0 | 132 | 96 | | 5 | 13 | 2 | 6 | 10 | 21.21% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B139 | 139F1WP2 | TSHS2*12 | 14-Nov-90 | 0 | 124 | 97 | | 4 | 5 | 2 | 6 | 10 | 15.32% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B139 | B139BLK | TSHS2*13 | 14-Nov-90 | 0 | 133 | 99 | | 3 | 14 | 2 | 5 | 10 | 20.30% | 24DNP | 46DN2CR |
| No | Yes | CGW | WELL | B208 | B208MW01 | FTSHW1*7 | 02-Apr-91 | 5.6 | 183 | 133 | | 13 | 25 | 1 | | 11 | 26.78% | MEK | |
| Yes | Yes | CGW | WELL | B208 | B208MW02 | FTSHW1*8 | 11-Jan-91 | 8.9 | 162 | 149 | | 5 | 4 | 4 | | | 5.56% | NC | NC |
| No | Yes | CGW | WELL | B208 | B208MW03 | FTSHW1*9 | 11-Feb-91 | 22.4 | 160 | 151 | | 1 | 2 | 1 | | 5 | 5.00% | MEK | |
| No | Yes | CGW | WELL | B208 | B208MW04 | TSHW1*10 | 11-Feb-91 | 14.9 | 162 | 145 | | 4 | 4 | 1 | | 8 | 9.88% | MEK | |
| No | Yes | CGW | WELL | B208 | B208MW05 | FTSHW6*2 | 24-Jul-91 | 23.3 | 160 | 148 | | 7 | 2 | 1 | | 2 | 6.88% | MEK | |
| No | Yes | CGW | WELL | B208 | B208MW06 | FTSHW6*3 | 29-Jul-91 | 23 | 159 | 144 | | 7 | 1 | 1 | | 6 | 8.81% | MEK | |
| No | Yes | CGW | WELL | B208 | B208MW07 | FTSHW6*4 | 24-Jul-91 | 23.3 | 158 | 149 | | 6 | | 1 | | 2 | 5.06% | MEK | |
| No | Yes | CGW | WELL | B208 | B208MW08 | TSHW6*23 | 29-Jul-91 | 23 | 158 | 143 | | 8 | | 1 | | 6 | 8.86% | MEK | |
| Yes | Yes | CSO | PIT | B216 | B216TP1 | | | 4 | | | | | | All | | | | | |
| Yes | Yes | CSO | PIT | B216 | B216TP1 | | | 7 | | | | | | All | | | | | |
| No | No | CSO | WIPE | B361 | 361F1WP1 | TSHS2*23 | 14-Nov-90 | 0 | 159 | 138 | | 3 | | 2 | 6 | 10 | 8.18% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B361 | 361F1WP2 | TSHS2*24 | 14-Nov-90 | 0 | 158 | 136 | | 4 | | 2 | 6 | 10 | 8.86% | 24DNP | 46DN2CR |
| No | No | CSO | WIPE | B361 | 361F1WP3 | TSHS2*25 | 14-Nov-90 | 0 | 158 | 137 | | 3 | | 2 | 6 | 10 | 8.23% | 24DNP | 46DN2CR |
| No | Yes | CGW | WELL | B368 | B368MW02 | TSHW1*15 | 22-Mar-91 | 8 | 135 | 131 | | | | 1 | | 3 | 2.22% | MEK | |
| Yes | No | CSR | MAHO | B43 | B43CS1 | FTSHS2*1 | 13-Dec-90 | 5 | 185 | 41 | | 32 | 28 | 60 | | 24 | 45.41% | NC | NC |
| No | No | CSR | MAHO | B43 | B43CS1 | FTSHW2*1 | 12-Dec-90 | 5 | 158 | 94 | | 4 | 24 | 1 | | 35 | 39.87% | MEK | |
| No | No | CSW | DTCH | BARTLETT | C-2370 | FTSHW5*7 | 01-May-91 | 0 | 181 | 146 | 2 | 10 | 14 | 1 | | 8 | 17.68% | MEK | |
| No | No | CSW | OTFL | BARTLETT | C-3290 | TSHW5*16 | 15-May-91 | 0 | 197 | 153 | 1 | 12 | 1 | 1 | | 29 | 21.32% | MEK | |
| No | No | CGW | DRWM | DRILLH2O | DW01 | TSHDW1*1 | 08-Nov-90 | -3 | 198 | 166 | | 2 | 2 | 2 | | 26 | 15.15% | MEK | Cyanide |
| No | No | CGW | DRWM | DRILLH2O | DW02 | TSHDW1*2 | 08-Nov-90 | -3 | 200 | 124 | | 9 | 4 | 1 | | 62 | 37.50% | Cyanide | |
| Yes | No | CGW | DRWM | DRILLH2O | DW03 | TSHDW1*3 | 13-Dec-90 | -3 | 200 | 146 | | 2 | 3 | 12 | | 37 | 21.00% | NC | NC |
| No | No | CGW | DRWM | DRILLH2O | DW04 | TSHDW1*4 | 13-Dec-90 | -3 | 199 | 160 | | 3 | 2 | 1 | | 33 | 19.10% | MEK | |
| No | No | CGW | DRWM | DRILLH2O | DW05 | TSHDW1*5 | 28-Jan-91 | -4 | 198 | 149 | | 8 | 1 | 2 | | 38 | 23.74% | MEK | 4Nanil |
| No | No | CSW | DTCH | HUTCHIN | C-0690 | TSHW5*28 | 01-May-91 | 0 | 176 | 122 | | 12 | | 1 | | 41 | 30.11% | MEK | |
| No | No | CSW | OTFL | HUTCHIN | C-0692 | TSHW5*26 | 15-May-91 | 0 | 176 | 158 | | 10 | | 1 | | 7 | 9.66% | MEK | |
| No | No | CSW | DTCH | HUTCHIN | C-0732 | FTSHW5*6 | 02-May-91 | 0 | 168 | 148 | 1 | 10 | 1 | 1 | | 7 | 10.71% | MEK | |

**TABLE 2: Fort Sheridan 1990-1991 RI Samples with Rejected Analytes During Data Validation**
**Fort Sheridan Data Usability and Resampling Proposal**
**(Legend of abbreviations at end of table.)**

| | | | | | | | | | | Number of analytes with qualifier type shown below | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Media | Site | Site | Site ID | Sample | Sample Date | Sample Depth | Number of | | | | | | | | | Rejected Analyte 1 | Rejected Analyte 2 |
| Rejected? | Resample? | | Type | | | Number | | (feet) | Analytes | None | B | J | NJ | R | U | UJ | %J | | |
| Yes | Yes | CSO | DTCH | JANES | C-0130 | FTSHS5*1 | 30-Apr-91 | 0 | 196 | 146 | | 18 | 9 | 2 | 1 | 20 | 23.98% | AR1016 | AR1260 |
| Yes | Yes | CSO | DTCH | JANES | C-0242 | FTSHS5*3 | 18-May-91 | 0 | 198 | 116 | | 10 | 10 | 15 | 4 | 43 | 31.82% | NC | NC |
| No | No | CSW | DTCH | JANES | C-0031 | FTSHW5*2 | 30-Apr-91 | 0 | 196 | 153 | 1 | 10 | | 1 | | 31 | 20.92% | MEK | |
| No | No | CSW | DTCH | JANES | C-0130 | FTSHW5*1 | 30-Apr-91 | 0 | 196 | 153 | | 12 | | 1 | | 30 | 21.43% | MEK | |
| No | No | CSW | DTCH | JANES | C-0242 | FTSHW5*3 | 18-May-91 | 0 | 208 | 147 | | 11 | 12 | 1 | | 37 | 28.85% | MEK | |
| No | No | CSW | OTFL | JANES | OD-1 | FTSHW5*4 | 01-May-91 | 0 | 196 | 119 | 1 | 9 | | 1 | | 66 | 38.27% | MEK | |
| No | Yes | CGW | WELL | LF1 | LF1MW01 | TSHW6*11 | 15-Jul-91 | 39 | 167 | 149 | | 8 | | 1 | | 9 | 10.18% | MEK | |
| No | Yes | CGW | WELL | LF1 | LF1MW01 | TSHW3*45 | 26-Mar-91 | 33 | 168 | 142 | | 7 | 1 | 1 | | 17 | 14.88% | MEK | |
| No | Yes | CGW | WELL | LF1 | LF1MW02 | FTSHW3*9 | 22-Mar-91 | 33 | 170 | 152 | | 7 | 3 | 1 | | 7 | 10.00% | MEK | |
| No | Yes | CGW | WELL | LF1 | LF1MW03D | FTSHW3*2 | 12-Feb-91 | 50 | 166 | 152 | | 4 | | 1 | | 9 | 7.83% | MEK | |
| Yes | Yes | CGW | WELL | LF1 | LF1MW03S | FTSHW3*1 | 26-Feb-91 | 14 | 185 | 137 | | 5 | 19 | 16 | | 8 | 17.30% | NC | NC |
| No | Yes | CGW | WELL | LF1 | LF1MW04 | TSHW3*10 | 23-Mar-91 | 19.6 | 169 | 152 | | 7 | 2 | 1 | | 7 | 9.47% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW01 | TSHW6*12 | 16-Jul-91 | 42 | 180 | 156 | | 9 | 4 | 1 | | 10 | 12.78% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW01 | TSHW3*11 | 17-Apr-91 | 39 | 177 | 102 | | 10 | 1 | 1 | | 63 | 41.81% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW02 | TSHW6*13 | 13-Jul-91 | 26 | 171 | 147 | | 11 | 4 | 1 | | 8 | 13.45% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW02 | TSHW3*12 | 04-Apr-91 | 16.2 | 180 | 156 | | 9 | 4 | 1 | | 10 | 12.78% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW04D | TSHW3*15 | 15-Apr-91 | 26.6 | 176 | 103 | | 9 | | 1 | | 63 | 40.91% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW04S | TSHW3*14 | 07-Mar-91 | 7.1 | 179 | 92 | 1 | 3 | 3 | 2 | | 78 | 46.93% | MEK | 2CEVether |
| No | Yes | CGW | WELL | LF2 | LF2MW05D | TSHW3*17 | 15-Apr-91 | 28 | 177 | 105 | | 6 | 1 | 1 | | 64 | 40.11% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW05S | TSHW3*16 | 25-Mar-91 | 9.4 | 176 | 153 | | 7 | | 1 | | 15 | 12.50% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW06D | TSHW3*19 | 18-Apr-91 | 22 | 176 | 152 | | 8 | | 1 | | 15 | 13.07% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW06S | TSHW6*20 | 07-Aug-91 | 8.5 | 178 | 151 | 1 | 10 | 2 | 1 | | 13 | 14.04% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW06S | TSHW3*18 | 25-Mar-91 | 7 | 176 | 153 | | 7 | | 1 | | 15 | 12.50% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW07D | TSHW3*21 | 05-Apr-91 | 31.9 | 196 | 157 | | 10 | 20 | 1 | | 8 | 19.39% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW07S | TSHW3*20 | 07-Mar-91 | 4.3 | 177 | 104 | 1 | 3 | 1 | 2 | | 66 | 39.55% | MEK | 2CEVether |
| No | Yes | CGW | WELL | LF2 | LF2MW08D | FTSHW6*8 | 09-Aug-91 | 29 | 176 | 141 | | 10 | | 2 | | 23 | 18.75% | MEK | Benzoic A |
| No | Yes | CGW | WELL | LF2 | LF2MW08S | FTSHW6*7 | 06-Aug-91 | 7.1 | 177 | 152 | | 10 | 1 | 1 | | 13 | 13.56% | MEK | |
| No | Yes | CGW | WELL | LF2 | LF2MW09S | FTSHW6*9 | 06-Aug-91 | 7.3 | 176 | 153 | | 9 | | 1 | | 13 | 12.50% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW01 | TSHW6*14 | 13-Jul-91 | 24 | 167 | 148 | | 9 | | 1 | | 9 | 10.78% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW01 | TSHW3*22 | 02-Apr-91 | 12 | 167 | 148 | | 7 | | 1 | | 11 | 10.78% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW02 | TSHW3*23 | 02-Apr-91 | 34.9 | 170 | 144 | | 11 | 3 | 1 | | 11 | 14.71% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW03 | TSHW3*24 | 09-Apr-91 | 35 | 168 | 105 | | 7 | 1 | 1 | | 54 | 36.90% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW04D | TSHW3*25 | 03-Apr-91 | 68.5 | 168 | 148 | | 9 | 1 | 1 | | 9 | 11.31% | MEK | |
| No | Yes | CGW | WELL | LF3 | LF3MW05 | TSHW3*27 | 03-Apr-91 | 50 | 168 | 149 | | 7 | 1 | 1 | | 10 | 10.71% | MEK | |
| No | Yes | CGW | WELL | LF5 | LF5MW02 | TSHW3*29 | 09-Apr-91 | 54 | 169 | 128 | | 8 | 2 | 1 | | 30 | 23.67% | MEK | |
| Yes | Yes | CGW | WELL | LF5 | LF5MW03 | TSHW3*30 | 23-Mar-91 | 6.7 | 171 | 138 | | 8 | 4 | 16 | | 5 | 9.94% | NC | NC |
| No | Yes | CGW | WELL | LF5 | LF5MW04D | TSHW3*32 | 06-Apr-91 | 35 | 168 | 89 | | 8 | 1 | 1 | | 69 | 46.43% | MEK | |
| No | Yes | CGW | WELL | LF5 | LF5MW04S | TSHW3*31 | 06-Apr-91 | 12.5 | 168 | 90 | | 6 | 1 | 1 | | 70 | 45.83% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW01 | TSHW3*34 | 09-Apr-91 | 51.7 | 168 | 91 | | 7 | 1 | 1 | | 68 | 45.24% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW01 | TSHW6*15 | 14-Jul-91 | 53 | 167 | 147 | | 12 | | 1 | | 7 | 11.38% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW02 | TSHW3*35 | 08-Apr-91 | 55.1 | 169 | 89 | | 7 | 2 | 1 | | 70 | 46.75% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW03 | TSHW3*36 | 08-Apr-91 | 28.5 | 71 | 57 | | 11 | | 1 | | 2 | 18.31% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW04D | TSHW3*38 | 19-Apr-91 | 50 | 168 | 144 | | 7 | 1 | 1 | | 15 | 13.69% | MEK | |
| No | Yes | CGW | WELL | LF6 | LF6MW04S | TSHW3*37 | 19-Apr-91 | 24.6 | 169 | 145 | | 7 | 2 | 1 | | 14 | 13.61% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7G-101 | TSHW3*42 | 22-Apr-91 | 35.3 | 169 | 144 | | 7 | 2 | 1 | | 15 | 14.20% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7G-102 | TSHW3*43 | 22-Apr-91 | 35 | 172 | 143 | | 9 | 5 | 1 | | 14 | 16.28% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7G-104 | TSHW3*44 | 23-Apr-91 | 14.9 | 170 | 144 | | 8 | 3 | 1 | | 14 | 14.71% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW01 | TSHW3*39 | 09-Apr-91 | 58 | 170 | 135 | | 9 | 3 | 1 | | 22 | 20.00% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW01 | TSHW6*16 | 15-Jul-91 | 58 | 167 | 149 | | 9 | | 1 | | 8 | 10.18% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW02 | TSHW3*40 | 17-Apr-91 | 29.2 | 168 | 98 | | 6 | 1 | 1 | | 62 | 41.07% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW03 | TSHW3*41 | 16-Apr-91 | 31.8 | 173 | 84 | | 8 | 6 | 1 | | 74 | 50.87% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW04D | FTSHW3*4 | 11-Feb-91 | 5 | 165 | 155 | | 3 | | 1 | | 6 | 5.45% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW04S | FTSHW3*3 | 26-Feb-91 | 1.5 | 166 | 153 | | 4 | | 1 | | 8 | 7.23% | MEK | |

**TABLE 2: Fort Sheridan 1990-1991 RI Samples with Rejected Analytes During Data Validation**
**Fort Sheridan Data Usability and Resampling Proposal**
**(Legend of abbreviations at end of table.)**

| Rejected? | Resample? | Media | Site Type | Site | Site ID | Sample Number | Sample Date | Sample Depth (feet) | Number of Analytes | Number of analytes with qualifier type shown below: None | B | J | NJ | R | U | UJ | %J | Rejected Analyte 1 | Rejected Analyte 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| No | Yes | CGW | WELL | LF7 | LF7MW05D | FTSHW3*6 | 11-Feb-91 | 38.5 | 177 | 153 | | 7 | 12 | 1 | | 4 | 12.99% | MEK | |
| No | Yes | CGW | WELL | LF7 | LF7MW05S | FTSHW3*5 | 11-Mar-91 | 8.2 | 171 | 135 | 1 | 4 | 4 | 2 | | 25 | 19.30% | MEK | 2CEVether |
| No | Yes | CGW | WELL | LF7 | LF7MW06D | FTSHW6*6 | 09-Aug-91 | 13 | 167 | 133 | | 8 | | 2 | | 24 | 19.16% | MEK | Benzoic A |
| No | Yes | CGW | WELL | LF7 | LF7MW06S | FTSHW6*5 | 09-Aug-91 | 8.5 | 168 | 132 | | 9 | 1 | 2 | | 24 | 20.24% | MEK | Benzoic A |
| Yes | Yes | CSO | BASN | LF7 | SB-LF7 | TSHS5*30 | 13-May-91 | 0 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% | NC | NC |
| No | No | CSW | SUMP | LF7 | LF7LCS | TSHW5*36 | 16-May-91 | 13.8 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% | MEK | |
| Yes | Yes | CSW | LAFL | LF7 | LF7SEEPNW | TSHW5*34 | 02-May-91 | 0 | 169 | 87 | | 12 | 2 | 66 | | 2 | 9.47% | NC | NC |
| No | No | CSW | LAFL | LF7 | LF7SEEPSW | TSHW5*35 | 02-May-91 | 0 | 178 | 148 | | 12 | 11 | 1 | | 6 | 16.29% | MEK | |
| No | No | CSW | BASN | LF7 | SB-LF7 | TSHW5*25 | 13-May-91 | 0 | 167 | 133 | | 10 | | 1 | | 23 | 19.76% | MEK | |
| No | No | CSW | OTFL | OFFICER | C-4810 | TSHW5*30 | 02-May-91 | 0 | 167 | 148 | | 10 | | 1 | | 8 | 10.78% | MEK | |
| No | No | CSW | OTFL | SCOTLOOP | OD-2 | TSHW5*29 | 01-May-91 | 0 | 168 | 146 | | 11 | 1 | 1 | | 9 | 12.50% | MEK | |
| Yes | Yes | CSO | STSW | SEWER | MH-3870 | TSHS5*37 | 16-May-91 | 0.2 | 149 | 98 | | 10 | | 9 | 3 | 29 | 26.17% | NC | NC |
| Yes | Yes | CSO | STSW | SEWER | MH-3870 | TSHS5*37 | 16-May-91 | 5.2 | 149 | 98 | | 10 | | 9 | 3 | 29 | 26.17% | NC | NC |
| Yes | Yes | CSO | STSW | SEWER | MH-4100 | TSHS5*19 | 15-May-91 | -5.2 | 195 | 132 | | 11 | 7 | 9 | 3 | 33 | 26.15% | NC | NC |
| Yes | Yes | CSO | STSW | SEWER | MH-4100 | TSHS5*19 | 15-May-91 | -0.2 | 195 | 132 | | 11 | 7 | 9 | 3 | 33 | 26.15% | NC | NC |
| Yes | Yes | CSO | STSW | SEWER | MH-5810 | TSHS5*25 | 17-May-91 | 9.1 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% | NC | NC |
| Yes | Yes | CSO | STSW | SEWER | MH-5810 | TSHS5*25 | 17-May-91 | 0.3 | 159 | 129 | | 9 | | 9 | 4 | 8 | 10.69% | NC | NC |
| No | No | CSW | STSW | SEWER | MH-0039 | FTSHW5*5 | 19-May-91 | 5.4 | 176 | 141 | | 6 | 9 | 1 | | 19 | 19.32% | MEK | |
| No | No | CSW | STSW | SEWER | MH-2560 | FTSHW5*8 | 19-May-91 | 25.7 | 181 | 147 | | 6 | 14 | 1 | | 13 | 18.23% | MEK | |
| No | No | CSW | STSW | SEWER | MH-2760 | FTSHW5*9 | 16-May-91 | 11 | 168 | 132 | | 10 | 1 | 1 | | 24 | 20.83% | MEK | |
| No | No | CSW | STSW | SEWER | MH-3870 | TSHW5*11 | 14-May-91 | -5 | 196 | 145 | | 10 | | 1 | | 40 | 25.51% | MEK | |
| No | No | CSW | STSW | SEWER | MH-3940 | TSHW5*15 | 14-May-91 | -5.3 | 197 | 144 | | 11 | 1 | 1 | | 40 | 26.40% | MEK | |
| No | No | CSW | STSW | SEWER | MH-4100 | TSHW5*14 | 15-May-91 | -4.8 | 196 | 154 | | 10 | | 1 | | 31 | 20.92% | MEK | |
| No | No | CSW | STSW | SEWER | MH-4510 | TSHW5*10 | 20-May-91 | 5.5 | 196 | 149 | | 5 | | 1 | | 41 | 23.47% | MEK | |
| Yes | Yes | CSW | STSW | SEWER | MH-4570 | TSHW5*13 | 16-May-91 | 3.5 | 170 | 119 | | 11 | 3 | 17 | | 20 | 20.00% | NC | NC |
| No | No | CSW | STSW | SEWER | MH-4590 | TSHW5*12 | 15-May-91 | -6.9 | 223 | 152 | | 14 | 27 | 1 | | 29 | 31.39% | MEK | |
| No | No | CSW | STSW | SEWER | MH-5730 | TSHW5*21 | 18-May-91 | 9.8 | 167 | 134 | | 5 | | 1 | | 27 | 19.16% | MEK | |
| No | No | CSW | STSW | SEWER | MH-5810 | TSHW5*20 | 17-May-91 | 9.1 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% | MEK | |
| No | No | CSW | STSW | SEWER | MH-6130 | TSHW5*22 | 19-May-91 | 33 | 167 | 148 | | 6 | | 1 | | 12 | 10.78% | MEK | |
| No | No | CSW | STSW | SEWER | MH-6331 | TSHW5*19 | 17-May-91 | 7.5 | 167 | 135 | 1 | 13 | | 1 | | 17 | 17.96% | MEK | |
| No | No | CSW | OTFL | SHENCK | OD-3 | TSHW5*31 | 13-May-91 | 0 | 173 | 133 | | 10 | 6 | 1 | | 23 | 22.54% | MEK | |
| No | No | CSW | DTCH | VANHORNE | C-5030 | TSHW5*17 | 02-May-91 | 0 | 167 | 149 | 1 | 9 | | 1 | | 7 | 9.58% | MEK | |
| No | No | CSW | DTCH | VANHORNE | C-5360 | TSHW5*18 | 02-May-91 | 0 | 167 | 149 | | 10 | | 1 | | 7 | 10.18% | MEK | |
| Yes | Yes | CSO | STSW | WELLS | AI10-36 | TSHS5*28 | 17-May-91 | 0.2 | 159 | 130 | | 7 | | 9 | 5 | 8 | 9.43% | NC | NC |
| Yes | Yes | CSO | STSW | WELLS | AI10-36 | TSHS5*28 | 17-May-91 | 6.5 | 159 | 130 | | 7 | | 9 | 5 | 8 | 9.43% | NC | NC |
| No | No | CSW | STSW | WELLS | AI10-18 | TSHW5*24 | 17-May-91 | 6 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% | MEK | |
| No | No | CSW | STSW | WELLS | AI10-36 | TSHW5*23 | 17-May-91 | 6.5 | 167 | 139 | | 10 | | 1 | | 17 | 16.17% | MEK | |
| No | No | CSW | OTFL | WELLS | LF7BP1 | TSHW5*33 | 03-May-91 | 0 | 167 | 147 | | 11 | | 1 | | 8 | 11.38% | MEK | |

Legend:

| | |
|---|---|
| 2CEVether | 2 chloroethyl vinyl ether |
| 46DN2CR | 4,4-dinitro-2-cresol |
| 4NAnil | 4 Nitro aniline |
| AR1260 | PCB 1260 |
| BASN | Basin |
| Benzoic A | Benzoic Acid |
| BLDG | Building |
| CBI | Building Interior |
| CGW | Groundwater |
| CONC | Concrete |
| CSE | Sediments |
| CSO | Soils |

| | | TABLE 2: Fort Sheridan 1990-1991 RI Samples with Rejected Analytes During Data Validation | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fort Sheridan Data Usability and Resampling Proposal | | | | | | | | | | | | | | | | | | |
| | | (Legend of abbreviations at end of table.) | | | | | | | | | | | | | | | | | | |
| | | Media | Site | Site | Site ID | Sample | Sample Date | Sample | Number | Number of analytes with qualifier type shown below | | | | | | | | | Rejected | Rejected |
| Rejected? | Resample? | | Type | | | Number | | Depth (feet) | of Analytes | None | B | J | NJ | R | U | UJ | %J | | Analyte 1 | Analyte 2 |
| | | CSW | | Surface Water | | | | | | | | | | | | | | | | |
| | | DRWM | | Drill water source | | | | | | | | | | | | | | | | |
| | | DTCH | | Ditch | | | | | | | | | | | | | | | | |
| | | LAFL | | Landfill | | | | | | | | | | | | | | | | |
| | | MAHO | | Manhole | | | | | | | | | | | | | | | | |
| | | MEK | | Methyl Ethyl Ketone | | | | | | | | | | | | | | | | |
| | | MIBK | | Mehtyl Isobutyl ketone | | | | | | | | | | | | | | | | |
| | | NC | | Rejected analytes not checked/listed | | | | | | | | | | | | | | | | |
| | | OTFL | | Outfall | | | | | | | | | | | | | | | | |
| | | STSW | | Storm Sewer | | | | | | | | | | | | | | | | |
| | | STWA | | Standing Water | | | | | | | | | | | | | | | | |
| | | TRIP | | Trip Blank | | | | | | | | | | | | | | | | |
| | | WIPE | | Wipe | | | | | | | | | | | | | | | | |
| | | WOOD | | Wood | | | | | | | | | | | | | | | | |

| Table 3: Detections of Problem/Rejected Analytes | | | | | |
|---|---|---|---|---|---|
| Fort Sheridan Data Usability and Resampling Proposal | | | | | |
| | | | | | |
| | | | | | |
| **Media** | **Site ID** | **Depth(ft)** | **Test name** | **Value** | **Units** |
| CGW | B122MW02 | 11.5 | CYN | 3.39 | ug/L |
| CGW | DW05 | -4 | CYN | 2 | ug/L |
| CGW | LF2MW04S | 7.1 | CYN | 2 | ug/L |
| CGW | LF2MW08S | 7.1 | CYN | 2 | ug/L |
| CSO | CSA1SB01 | 24 | CYN | 7.82 | ug/g |
| CSO | VES2TP02 | 2.5 | PCB1260 | 8.9 | ug/g |
| CSO | VES2TP02 | 7 | PCB1260 | 11 | ug/g |
| CSW | MH-6331 | 7.5 | CYN | 3 | ug/L |
| CSW | C-3290 | 0 | CYN | 3.22 | ug/L |
| CSW | LF7SEEPS | 0 | CYN | 3.52 | ug/L |
| CSW | MH-2560 | 25.7 | CYN | 36 | ug/L |
| CSW | MH-4590 | 6.9 | CYN | 3.68 | ug/L |
| | | | | | |
| Legend: | | | | | |
| CGW | Chemical Ground Water | | | | |
| CSE | Chemical Sediments | | | | |
| CSO | Chemical Soils | | | | |
| CSW | Chemical Surface Water | | | | |
| CYN | Cyanide | | | | |

| Table 4: | Resampling Sites at Ft. Sheridan | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ft. Sheridan Data Usability and Resampling Proposal | | | | | | | | | | | | | | | | |
| | | | | | | | Analyses Present | | | | | | | | | |
| Resamp | Media | | | Field | Sample | Depth | | | Pest/ | Herb | | | | | | |
| Number | Type | Site | Site ID | Samp No. | Date | (ft) | Metals | PCB | Herb | (24D) | PAHs | Reason | | | | |
| **Replacement Samples: The following samples will replace original 1990-1991 data that has been judged invalid.** | | | | | | | | | | | | | | | | |
| R1 | CSO | B122 | B122SB10 | FTSHS6*4 | 10-Jul-91 | 1 | | | | | | Large number of rejected analytes. | | | | |
| R2 | CSO | B122 | B122SB10 | FTSHS6*6 | 10-Jul-91 | 9 | | | | | | Large number of rejected analytes. | | | | |
| R3 | CSO | B122 | B122SB10 | FTSHS6*5 | 10-Jul-91 | 4 | | | | | | Large number of rejected analytes. | | | | |
| R4 | CSO | B122 | B122SB11 | FTSHS6*7 | 10-Jul-91 | 4 | | | | | | Large number of rejected analytes. | | | | |
| R5 | CSO | B122 | B122SB12 | TSHS6*11 | 10-Jul-91 | 9 | | | | | | Large number of rejected analytes. | | | | |
| R6 | CSO | B122 | B122SB13 | TSHS6*13 | 10-Jul-91 | 1 | | | | | | Large number of rejected analytes. | | | | |
| R7 | CSO | B122 | B122SB13 | TSHS6*14 | 10-Jul-91 | 4 | | | | | | Large number of rejected analytes. | | | | |
| R8 | CSO | B216 | B216TP1 | Unknown | Unknown | 4 | | | | | | Not in database; not validated | | | | |
| R9 | CSO | B216 | B216TP1 | Unknown | Unknown | 7 | | | | | | Not in database; not validated | | | | |
| R10 | CSO | JANES | C-0130 | FTSHS5*1 | 30-Apr-91 | 0 | | | | | | Rejected analytes are potential contaminants. | | | | |
| R11 | CSO | JANES | C-0242 | FTSHS5*3 | 18-May-91 | 0 | | | | | | Large number of rejected analytes. | | | | |
| R12 | CSO | LF7 | SB-LF7 | TSHS5*30 | 13-May-91 | 0 | | | | | | Large number of rejected analytes. | | | | |
| R13 | CSW | LF7 | LF7SEEPN | TSHW5*34 | 02-May-91 | 0 | | | | | | Large number of rejected analytes. | | | | |
| R14 | CSO | WELLS | AI10-36 | TSHS5*28 | 17-May-91 | 6.5 | | | | | | Large number of rejected analytes. | | | | |
| **Comparison Samples: Results from the following samples will be compared with the original 1990-1991 results** | | | | | | | | | | | | | | | | |
| **to determine the accuracy of the 1990-1991 analytical methods and draw conclusions about the validity of the** | | | | | | | | | | | | | | | | |
| **entire original set of inorganics, PCBs, pesticides, and herbicides data.** | | | | | | | | | | | | | | | | |
| R15 | CSO | LF2 | LF2SB03 | TSHS3*25 | 07-Mar-91 | 0 | X | | | | | Pb at 15.9, confirm low. | | | | |
| R16 | CSO | LF2 | LF2SB01 | TSHS3*20 | 25-Jan-91 | 24 | X | | | | | Confirm low concentrations | | | | |
| R17 | CSO | LF2 | LF2SB01 | TSHS3*19 | 24-Jan-91 | 0 | X | | | | X | Highest PAHs at LF2; risk driver for this site | | | | |
| R18 | CSO | LF2 | LF2SB05D | TSHS3*32 | 10-Jan-91 | 25 | X | | | | X | Somewhat high PAHs | | | | |
| R19 | CSO | LF2 | LF2SB05D | TSHS3*31 | 10-Jan-91 | 6 | X | | | | X | Somewhat high PAHs | | | | |
| R20 | CSO | LF2 | LF2SB05D | TSHS3*33 | 11-Jan-91 | 38 | X | | | | X | Somewhat high PAHs | | | | |
| R21 | CSO | LF3 | LF3SB04D | TSHS3*49 | 04-Feb-91 | 0 | X | | | | | Coverage at LF3 | | | | |
| R22 | CSO | LF3 | LF3SB04D | TSHS3*50 | 04-Feb-91 | 34 | X | | | | | Coverage at LF3 | | | | |
| R23 | CSO | LF3 | LF3SB04D | TSHS3*51 | 04-Feb-91 | 59 | X | | | | | Coverage at LF3 | | | | |
| R24 | CSO | LF3 | LF3SB05 | TSHS3*52 | 27-Jan-91 | 49 | X | | | | | Coverage at LF3 | | | | |
| R25 | CSO | LF3 | LF3SB05 | TSHS3*53 | 27-Jan-91 | 54 | X | | | | | Coverage at LF3 | | | | |
| R26 | CSO | LF3 | LF3SB05 | TSHS3*54 | 27-Jan-91 | 59 | X | | | | | Coverage at LF3 | | | | |
| R27 | CSO | LF4 | LF3SB01 | TSHS3*41 | 04-Feb-91 | 10 | X | | | | | Large % UJ. | | | | |
| R28 | CSO | LF4 | LF3SB01 | TSHS3*40 | 04-Feb-91 | 2 | X | | | | | Surface coverage in boring. | | | | |
| R29 | CSO | LF4 | LF3SB01 | TSHS3*42 | 05-Feb-91 | 18 | X | | | | | Large % UJ. | | | | |
| R30 | CSO | LF4 | LF3SB03 | TSHS3*46 | 27-Jan-91 | 1 | X | | | | X | Comparatively high PAHs | | | | |
| R31 | CSO | LF5 | LF5SB03 | TSHS3*61 | 06-Feb-91 | 2 | X | | | | | Large %J | | | | |
| R32 | CSO | LF5 | LF5SB03 | TSHS3*63 | 06-Feb-91 | 14 | X | | | | | Large %J | | | | |
| R33 | CSO | LF5 | LF5SB03 | TSHS3*62 | 06-Feb-91 | 66 | X | | | | | Large %J | | | | |
| R34 | CSO | LF6 | LF6SB03 | TSHS3*73 | 06-Feb-91 | 1 | X | | | | | Depth variety, thallium present | | | | |
| R35 | CSO | LF6 | LF6SB03 | TSHS3*74 | 07-Feb-91 | 29 | X | | | | | Depth variety, thallium present | | | | |
| R36 | CSO | LF6 | LF6SB03 | TSHS3*75 | 07-Feb-91 | 54 | X | | | | | Depth variety, thallium present | | | | |
| R37 | CSO | LF7 | LF7SB03 | TSHS3*86 | 10-Mar-91 | 19 | X | | | | | Thallium present, otherwise low metals. | | | | |
| R38 | CSO | LF7 | LF7SB03 | TSHS3*87 | 10-Mar-91 | 29 | X | | | | | Thallium present, otherwise low metals. | | | | |
| R39 | CSO | LF7 | LF7SB03 | TSHS3*85 | 10-Mar-91 | 0 | X | | | | | Thallium present, otherwise low metals. | | | | |
| R40 | CSO | CSA1 | CSA1TP1 | FTSHS4*2 | 07-Feb-91 | 3.8 | X | | | | | Highest thallium onsite | | | | |
| R41 | CSO | CSA1 | CSA1TP1 | FTSHS4*1 | 07-Feb-91 | 2.1 | X | | | | | Highest thallium onsite | | | | |
| R42 | CSO | CSA3 | CSA3TP1 | FTSHS4*9 | 08-Feb-91 | 2 | X | | | | X | Thallium and PAHs present for confirmation. | | | | |
| R43 | CSO | CSA4 | CSA4TP2 | TSHS4*18 | 04-Feb-91 | 7.3 | X | | | | X | High PAHs | | | | |
| R44 | CSO | CSA4 | CSA4TP2 | TSHS4*17 | 04-Feb-91 | 0.8 | X | | | | X | High PAHs | | | | |
| R45 | CSO | CSA4 | CSA4TP1 | TSHS4*16 | 05-Feb-91 | 7.5 | X | | | | X | Thallium and PAHs present for confirmation. | | | | |
| R46 | CSO | CSA4 | CSA4TP1 | TSHS4*15 | 05-Feb-91 | 1.5 | X | | | | X | Thallium and PAHs present for confirmation. | | | | |
| R47 | CSO | VES2 | VES2TP2 | TSHS4*28 | 22-Feb-91 | 7 | | X | | | | Only soil detects of PCBs (in GC/MS) | | | | |
| R48 | CSO | VES2 | VES2TP2 | TSHS4*27 | 22-Feb-91 | 2.5 | | X | | | | Only soil detects of PCBs (in GC/MS) | | | | |
| R49 | CSO | B122 | B122SB01 | TSHS1*37 | 28-Jan-91 | 0 | X | X | X | | | Confirm one of the few pesticide detections | | | | |
| R50 | CSO | B122 | B122SB08 | TSHS1*63 | 29-Jan-91 | 3 | X | X | X | | X | High PAHs | | | | |
| R51 | CSO | B122 | B122SB12 | TSHS6*10 | 10-Jul-91 | 4 | X | X | X | | | Confirm nondetect of pesticides. | | | | |
| R52 | CSO | B122 | B122SB13 | TSHS6*15 | 10-Jul-91 | 9 | X | X | X | | | Confirm nondetect of pesticides. | | | | |
| R53 | CSO | B126 | B126SB01 | TSHS1*39 | 13-Dec-90 | 0 | X | X | X | X | | Confirm one of the few pesticide detections | | | | |
| R54 | CSO | B126 | B126SB01 | TSHS1*40 | 13-Dec-90 | 8 | X | X | X | X | | Confirm nondetect of pesticides. | | | | |
| R55 | CSO | B126 | B126SB01 | TSHS1*41 | 13-Dec-90 | 24 | X | X | X | X | | Confirm nondetect of pesticides. | | | | |
| R56 | CSO | B126 | B126TP1 | TSHS4*65 | 19-Mar-91 | 2.5 | X | X | X | X | | Pb at 12.4, confirm low. | | | | |
| R57 | CSO | NIKEMFP | MFPSB01 | TSHS1*54 | 25-Jan-91 | 1 | X | | | | | Thallium present | | | | |
| R58 | CSO | NIKEMFP | MFPSB01 | TSHS1*55 | 25-Jan-91 | 14 | X | | | | | Thallium present | | | | |
| R59 | CSO | NIKEMFP | MFPSB01 | TSHS1*56 | 26-Jan-91 | 34 | X | | | | | Thallium present | | | | |

Table 5: Thallium Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| B377SB01 | 21-Jan-91 | 1 | JS11 | TL | | 81.1 | UGG |
| B377SB01 | 21-Jan-91 | 10 | JS11 | TL | | 81.8 | UGG |
| B377SB01 | 21-Jan-91 | 24 | JS11 | TL | | 88.1 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | JS11 | TL | | 254 | UGG |
| CSA1TP1 | 7-Feb-91 | 3.8 | JS11 | TL | | 102 | UGG |
| CSA1TP2 | 7-Feb-91 | 1.6 | JS11 | TL | | 126 | UGG |
| CSA1TP2 | 7-Feb-91 | 7 | JS11 | TL | | 107 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | JS11 | TL | | 113 | UGG |
| CSA3TP2 | 8-Feb-91 | 2.7 | JS11 | TL | | 130 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | JS11 | TL | | 120 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | JS11 | TL | | 87.9 | UGG |
| CSA4TP1 | 5-Feb-91 | 7.5 | JS11 | TL | | 115 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | JS11 | TL | | 112 | UGG |
| CSA4TP2 | 4-Feb-91 | 7.3 | JS11 | TL | | 118 | UGG |
| LF1SB03S | 1-Dec-90 | 4 | JS11 | TL | | 120 | UGG |
| LF3SB01 | 4-Feb-91 | 10 | JS11 | TL | | 113 | UGG |
| LF3SB01 | 4-Feb-91 | 2 | JS11 | TL | | 131 | UGG |
| LF3SB01 | 5-Feb-91 | 18 | JS11 | TL | | 113 | UGG |
| LF3SB04D | 4-Feb-91 | 34 | JS11 | TL | | 110 | UGG |
| LF3SB04D | 4-Feb-91 | 59 | JS11 | TL | | 106 | UGG |
| LF5SB03 | 6-Feb-91 | 2 | JS11 | TL | | 111 | UGG |
| LF5SB03 | 6-Feb-91 | 66 | JS11 | TL | | 121 | UGG |
| LF5SB03 | 6-Feb-91 | 14 | JS11 | TL | | 114 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | JS11 | TL | | 123 | UGG |
| LF5SB04D | 7-Feb-91 | 10 | JS11 | TL | | 122 | UGG |
| LF5SB04D | 7-Feb-91 | 24 | JS11 | TL | | 122 | UGG |
| LF6SB03 | 6-Feb-91 | 1 | JS11 | TL | | 137 | UGG |
| LF6SB03 | 7-Feb-91 | 54 | JS11 | TL | | 111 | UGG |
| LF6SB03 | 7-Feb-91 | 29 | JS11 | TL | | 107 | UGG |
| LF7SB03 | 10-Mar-91 | 19 | JS11 | TL | | 65.3 | UGG |
| LF7SB03 | 10-Mar-91 | 29 | JS11 | TL | | 63.2 | UGG |
| MFPSB01 | 25-Jan-91 | 14 | JS11 | TL | | 73 | UGG |
| MFPSB01 | 25-Jan-91 | 1 | JS11 | TL | | 105 | UGG |
| MFPSB01 | 26-Jan-91 | 34 | JS11 | TL | | 80.8 | UGG |
| MH-0039 | 19-May-91 | 0.2 | JS11 | TL | | 71.4 | UGG |
| MH-5810 | 17-May-91 | 0.3 | JS11 | TL | | 201 | UGG |

Table 6: Pesticide/Herbicide Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| B122SB01 | 28-Jan-91 | 0 | LH10 | PPDDT | | 0.22 | UGG |
| B122SB12 | 10-Jul-91 | 9 | LH10 | HPCL | | 0.00773 | UGG |
| B126SB01 | 13-Dec-90 | 0 | LH10 | PPDDT | | 0.069 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | CLDAN | | 5.2 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | PPDDT | | 5.9 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | PPDDE | | 0.48 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | PPDDD | | 6.6 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | MEXCLR | | 0.106 | UGG |
| C-0130 | 30-Apr-91 | 0 | LH10 | LIN | | 0.071 | UGG |
| C-0242 | 18-May-91 | 0 | LH10 | PPDDT | | 3.9 | UGG |
| C-0242 | 18-May-91 | 0 | LH10 | PPDDE | | 0.21 | UGG |
| C-0242 | 18-May-91 | 0 | LH10 | PPDDD | | 3.9 | UGG |
| C-3290 | 15-May-91 | 0 | LH10 | PPDDT | | 0.44 | UGG |
| C-3290 | 15-May-91 | 0 | LH10 | PPDDE | | 0.09 | UGG |
| C-3290 | 15-May-91 | 0 | LH10 | PPDDD | | 0.4 | UGG |
| MH-3870 | 16-May-91 | 5.2 | LH10 | PPDDT | | 0.15 | UGG |
| MH-3870 | 16-May-91 | 5.2 | LH10 | PPDDE | | 0.041 | UGG |
| MH-3870 | 16-May-91 | 5.2 | LH10 | PPDDD | | 0.085 | UGG |
| MH-4100 | 15-May-91 | -5.2 | LH10 | PPDDT | | 0.07 | UGG |
| MH-4100 | 15-May-91 | -5.2 | LH10 | PPDDD | | 0.1 | UGG |
| OD-1 | 1-May-91 | 0 | LH10 | CLDAN | | 0.118 | UGG |
| OD-1 | 1-May-91 | 0 | LH10 | LIN | | 0.0199 | UGG |
| OD-1 | 1-May-91 | 0 | LH10 | PPDDD | | 0.43 | UGG |
| OD-1 | 1-May-91 | 0 | LH10 | PPDDE | | 0.035 | UGG |
| OD-1 | 1-May-91 | 0 | LH10 | PPDDT | | 0.098 | UGG |

Table 7: PCB Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| VES2TP2 | 22-Feb-91 | 2.5 | LM18 | PCB260 | | 8.9 | UGG |
| VES2TP2 | 22-Feb-91 | 7 | LM18 | PCB260 | | 11 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| AI10-36 | 17-May-91 | 6.5 | LM18 | PYR | | 4 | UGG |
| AI10-36 | 17-May-91 | 6.5 | LM18 | PHANTR | | 4 | UGG |
| AI10-36 | 17-May-91 | 6.5 | LM18 | FANT | | 5 | UGG |
| B115SB01 | 15-Nov-90 | 14 | LM18 | PHANTR | | 0.06 | UGG |
| B115SB01 | 15-Nov-90 | 14 | LM18 | 2MNAP | | 0.14 | UGG |
| B115SB02 | 16-Nov-90 | 24 | LM18 | PHANTR | | 0.06 | UGG |
| B115SB03 | 26-Nov-90 | 2 | LM18 | FANT | | 0.3 | UGG |
| B115SB03 | 26-Nov-90 | 2 | LM18 | PYR | | 0.3 | UGG |
| B115SB03 | 26-Nov-90 | 12 | LM18 | PHANTR | | 0.048 | UGG |
| B115SB03 | 26-Nov-90 | 2 | LM18 | PHANTR | | 0.1 | UGG |
| B115SB03 | 26-Nov-90 | 2 | LM18 | CHRY | | 0.24 | UGG |
| B122SB01 | 28-Jan-91 | 0 | LM18 | PHANTR | | 0.9 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | 1MNAP | | 0.59 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | 2MNAP | | 1.2 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | ANTRC | | 0.23 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | ANAPNE | | 0.071 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | FLRENE | | 0.081 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | FANT | | 1.4 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | CHRY | | 1 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | BKFANT | | 0.43 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | BGHIPY | | 0.39 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | PYR | | 1.2 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | PHANTR | | 1.1 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | NAP | | 0.55 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | ICDPYR | | 0.37 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | BBFANT | | 0.63 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | BAPYR | | 0.58 | UGG |
| B122SB04 | 29-Jan-91 | 1 | LM18 | BAANTR | | 0.57 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | 2MNAP | | 0.35 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | ANTRC | | 0.15 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | FLRENE | | 0.046 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | FANT | | 0.86 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | CHRY | | 0.75 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | BKFANT | | 0.31 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | PYR | | 1.4 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | PHANTR | | 0.69 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | BBFANT | | 0.32 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | BAPYR | | 0.5 | UGG |
| B122SB05 | 29-Jan-91 | 2 | LM18 | BAANTR | | 0.38 | UGG |
| B122SB07 | 29-Jan-91 | 3 | LM18 | FANT | | 0.24 | UGG |
| B122SB07 | 29-Jan-91 | 3 | LM18 | CHRY | | 0.21 | UGG |
| B122SB07 | 29-Jan-91 | 3 | LM18 | BKFANT | | 0.093 | UGG |
| B122SB07 | 29-Jan-91 | 3 | LM18 | PYR | | 0.24 | UGG |
| B122SB07 | 29-Jan-91 | 3 | LM18 | PHANTR | | 0.11 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | 2MNAP | | 0.5 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | BBFANT | | 20 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | BAPYR | | 10 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | BAANTR | | 10 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | PYR | | 20 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | PHANTR | | 10 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | NAP | | 0.4 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | ICDPYR | | 6 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | FLRENE | | 1 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | FANT | | 30 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | CHRY | | 20 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | BKFANT | | 6 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | BGHIPY | | 6 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | ANTRC | | 3 | UGG |
| B122SB08 | 29-Jan-91 | 3 | LM18 | ANAPNE | | 0.7 | UGG |
| B125SB01 | 8-Nov-90 | 0 | LM18 | CHRY | | 3 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| B125SB01 | 8-Nov-90 | 0 | LM18 | BAANTR | | 2 | UGG |
| B125SB01 | 8-Nov-90 | 0 | LM18 | PYR | | 3 | UGG |
| B125SB01 | 8-Nov-90 | 0 | LM18 | PHANTR | | 3 | UGG |
| B125SB01 | 9-Nov-90 | 14 | LM18 | ME3NAP | | 0.23 | UGG |
| B125SB03 | 14-Nov-90 | 3 | LM18 | 2MNAP | | 1.6 | UGG |
| B125SB03 | 14-Nov-90 | 3 | LM18 | NAP | | 0.26 | UGG |
| B125SB04 | 27-Jul-91 | 2 | LM18 | ANTRC | | 0.3 | UGG |
| B125SB04 | 27-Jul-91 | 2 | LM18 | CHRY | | 1 | UGG |
| B125SB04 | 27-Jul-91 | 2 | LM18 | FANT | | 1 | UGG |
| B125SB04 | 27-Jul-91 | 2 | LM18 | PHANTR | | 1 | UGG |
| B125SB04 | 27-Jul-91 | 2 | LM18 | PYR | | 1 | UGG |
| B137TP2 | 25-Mar-91 | 3 | LM18 | PHANTR | | 0.063 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | 1MNAP | | 2.4 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | 2MNAP | | 4.1 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | ANAPNE | | 0.34 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | ANAPYL | | 0.08 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | ANTRC | | 0.082 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | ANTRC | | 0.73 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | BAANTR | | 0.28 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | BAANTR | | 0.81 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | BAPYR | | 0.59 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | BBFANT | | 0.47 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | BBFANT | | 0.78 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | BGHIPY | | 0.37 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | BKFANT | | 0.17 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | BKFANT | | 0.21 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | CHRY | | 0.44 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | CHRY | | 0.89 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | FANT | | 0.69 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | FANT | | 1.3 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | FLRENE | | 0.34 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | ICDPYR | | 0.43 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | NAP | | 2.2 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | PHANTR | | 3 | UGG |
| B137TP4 | 21-Mar-91 | 2.5 | LM18 | PYR | | 0.73 | UGG |
| B137TP4 | 21-Mar-91 | 4.3 | LM18 | PYR | | 1.1 | UGG |
| B208SB01 | 27-Nov-90 | 2 | LM18 | 2MNAP | | 0.62 | UGG |
| B208SB01 | 27-Nov-90 | 2 | LM18 | NAP | | 0.58 | UGG |
| B208SB01 | 28-Nov-90 | 6 | LM18 | NAP | | 0.069 | UGG |
| B208SB02 | 28-Nov-90 | 4 | LM18 | FANT | | 0.12 | UGG |
| B208SB02 | 28-Nov-90 | 4 | LM18 | PHANTR | | 0.052 | UGG |
| B208SB02 | 28-Nov-90 | 4 | LM18 | PYR | | 0.09 | UGG |
| B208SB03 | 30-Nov-90 | 4 | LM18 | 2MNAP | | 3 | UGG |
| B208SB03 | 30-Nov-90 | 4 | LM18 | NAP | | 3 | UGG |
| B208SB04 | 11-Dec-90 | 4 | LM18 | 2MNAP | | 1 | UGG |
| B208SB04 | 11-Dec-90 | 4 | LM18 | NAP | | 3 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | 2MNAP | | 0.082 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | FANT | | 0.71 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | CHRY | | 0.57 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | BKFANT | | 0.33 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | BBFANT | | 0.44 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | PYR | | 0.7 | UGG |
| B368SB01 | 8-Jan-91 | 16 | LM18 | PHANTR | | 0.044 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | PHANTR | | 0.34 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | NAP | | 0.061 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | BAPYR | | 0.35 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | BAANTR | | 0.3 | UGG |
| B368SB01 | 8-Jan-91 | 0 | LM18 | ANTRC | | 0.079 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | 2MNAP | | 0.24 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | ANTRC | | 0.17 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| B368SB02 | 10-Jan-91 | 0 | LM18 | BAANTR | | 0.6 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | BAPYR | | 0.68 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | BBFANT | | 0.73 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | BGHIPY | | 0.4 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | CHRY | | 1.1 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | FANT | | 1.7 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | NAP | | 0.11 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | PHANTR | | 0.82 | UGG |
| B368SB02 | 10-Jan-91 | 12 | LM18 | PHANTR | | 0.039 | UGG |
| B368SB02 | 10-Jan-91 | 0 | LM18 | PYR | | 1.4 | UGG |
| B368SB03 | 12-Jan-91 | 14 | LM18 | PHANTR | | 0.057 | UGG |
| B368SB06 | 12-Jul-91 | 4 | LM18 | FLRENE | | 0.082 | UGG |
| B368TP1 | 9-Mar-91 | 2.6 | LM18 | BKFANT | | 0.1 | UGG |
| B368TP1 | 9-Mar-91 | 2.6 | LM18 | CHRY | | 0.2 | UGG |
| B368TP1 | 9-Mar-91 | 2.6 | LM18 | FANT | | 0.25 | UGG |
| B368TP1 | 9-Mar-91 | 2.6 | LM18 | PHANTR | | 0.13 | UGG |
| B368TP1 | 9-Mar-91 | 2.6 | LM18 | PYR | | 0.27 | UGG |
| B377SB01 | 21-Jan-91 | 10 | LM18 | 2MNAP | | 0.1 | UGG |
| B377SB01 | 21-Jan-91 | 10 | LM18 | PHANTR | | 0.071 | UGG |
| B902TP3 | 11-Mar-91 | 4.5 | LM18 | 2MNAP | | 0.096 | UGG |
| B902TP3 | 11-Mar-91 | 3 | LM18 | BKFANT | | 0.16 | UGG |
| B902TP3 | 11-Mar-91 | 3 | LM18 | CHRY | | 0.24 | UGG |
| B902TP3 | 11-Mar-91 | 3 | LM18 | FANT | | 0.43 | UGG |
| B902TP3 | 11-Mar-91 | 4.5 | LM18 | FANT | | 0.15 | UGG |
| B902TP3 | 11-Mar-91 | 3 | LM18 | PHANTR | | 0.19 | UGG |
| B902TP3 | 11-Mar-91 | 4.5 | LM18 | PHANTR | | 0.2 | UGG |
| B902TP3 | 11-Mar-91 | 3 | LM18 | PYR | | 0.46 | UGG |
| B902TP3 | 11-Mar-91 | 4.5 | LM18 | PYR | | 0.15 | UGG |
| C-0031 | 30-Apr-91 | 0 | LM18 | PHANTR | | 0.046 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | PYR | | 0.53 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | PHANTR | | 0.25 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | NAP | | 0.15 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | FANT | | 0.44 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | CHRY | | 0.33 | UGG |
| C-0130 | 30-Apr-91 | 0 | LM18 | BKFANT | | 0.17 | UGG |
| C-0242 | 18-May-91 | 0 | LM18 | 2MNAP | | 8 | UGG |
| C-0692 | 15-May-91 | 0 | LM18 | PHANTR | | 0.053 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | BKFANT | | 0.088 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | FANT | | 0.34 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | CHRY | | 0.25 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | PYR | | 0.41 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | PHANTR | | 0.15 | UGG |
| C-0732 | 2-May-91 | 0 | LM18 | 2MNAP | | 0.13 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | FLRENE | | 0.6 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | FANT | | 10 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | CHRY | | 5 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | BKFANT | | 3 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | PYR | | 9 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | PHANTR | | 9 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | NAP | | 0.7 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | BAANTR | | 2 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | ANTRC | | 1 | UGG |
| C-3290 | 15-May-91 | 0 | LM18 | ANAPNE | | 0.6 | UGG |
| C-4810 | 2-May-91 | 0 | LM18 | PYR | | 0.068 | UGG |
| C-4810 | 2-May-91 | 0 | LM18 | PHANTR | | 0.051 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | PYR | | 0.84 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | PHANTR | | 0.43 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | FANT | | 0.61 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | CHRY | | 0.39 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | BKFANT | | 0.24 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| C-5030 | 2-May-91 | 0 | LM18 | BBFANT | | 0.36 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | BAANTR | | 0.24 | UGG |
| C-5030 | 2-May-91 | 0 | LM18 | ANTRC | | 0.11 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | FANT | | 0.22 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | CHRY | | 0.19 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | BKFANT | | 0.11 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | PYR | | 0.35 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | PHANTR | | 0.2 | UGG |
| C-5360 | 2-May-91 | 0 | LM18 | 2MNAP | | 0.092 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | 2MNAP | | 6 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | PYR | | 1 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | ANTRC | | 0.8 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | ANAPNE | | 0.7 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | PHANTR | | 5 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | NAP | | 1 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | FLRENE | | 1 | UGG |
| CSA1SB01 | 12-Dec-90 | 2 | LM18 | FANT | | 1 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | 2MNAP | | 0.2 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | ANTRC | | 0.067 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | BKFANT | | 0.15 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | CHRY | | 0.22 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | FANT | | 0.31 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | NAP | | 0.12 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | PHANTR | | 0.45 | UGG |
| CSA1TP1 | 7-Feb-91 | 2.1 | LM18 | PYR | | 0.23 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | 2MNAP | | 0.23 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | ANAPNE | | 0.38 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | ANAPYL | | 0.11 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | ANTRC | | 1.6 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | BAANTR | | 4 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | BAPYR | | 4.2 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | BBFANT | | 4.3 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | BKFANT | | 2 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | CHRY | | 5.7 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | FANT | | 10 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | FLRENE | | 0.65 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | ICDPYR | | 2.5 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | NAP | | 0.13 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | PHANTR | | 4.7 | UGG |
| CSA3TP1 | 8-Feb-91 | 2 | LM18 | PYR | | 7 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | ANTRC | | 0.1 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | BAANTR | | 0.22 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | BKFANT | | 0.16 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | CHRY | | 0.36 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | FANT | | 0.63 | UGG |
| CSA3TP2 | 8-Feb-91 | 2.7 | LM18 | PHANTR | | 0.06 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | PHANTR | | 0.3 | UGG |
| CSA3TP2 | 8-Feb-91 | 7 | LM18 | PYR | | 0.52 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | BAANTR | | 0.24 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | BAPYR | | 0.38 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | BKFANT | | 0.31 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | CHRY | | 0.57 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | FANT | | 0.6 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | PHANTR | | 0.24 | UGG |
| CSA4TP1 | 5-Feb-91 | 1.5 | LM18 | PYR | | 0.75 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | 2MNAP | | 1 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | 2PNAP | | 4 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | ANAPNE | | 6 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | ANTRC | | 10 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | BAANTR | | 20 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | BAPYR | | 30 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | BBFANT | | 30 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | BGHIPY | | 10 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | BKFANT | | 10 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | CHRY | | 30 | UGG |
| CSA4TP2 | 4-Feb-91 | 7.3 | LM18 | FANT | | 0.16 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | FANT | | 70 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | FLRENE | | 6 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | ICDPYR | | 10 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | NAP | | 1 | UGG |
| CSA4TP2 | 4-Feb-91 | 7.3 | LM18 | PHANTR | | 0.21 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | PHANTR | | 50 | UGG |
| CSA4TP2 | 4-Feb-91 | 7.3 | LM18 | PYR | | 0.27 | UGG |
| CSA4TP2 | 4-Feb-91 | 0.8 | LM18 | PYR | | 60 | UGG |
| LF1SB01 | 14-Jan-91 | 39 | LM18 | 2MNAP | | 0.14 | UGG |
| LF1SB01 | 14-Jan-91 | 9 | LM18 | PHANTR | | 0.067 | UGG |
| LF1SB01 | 14-Jan-91 | 39 | LM18 | PHANTR | | 0.07 | UGG |
| LF1SB02 | 21-Jan-91 | 14 | LM18 | 2MNAP | | 0.11 | UGG |
| LF1SB02 | 21-Jan-91 | 29 | LM18 | 2MNAP | | 0.22 | UGG |
| LF1SB02 | 21-Jan-91 | 14 | LM18 | PHANTR | | 0.058 | UGG |
| LF1SB02 | 21-Jan-91 | 29 | LM18 | PHANTR | | 0.077 | UGG |
| LF1SB03D | 9-Jan-91 | 51 | LM18 | PHANTR | | 0.062 | UGG |
| LF1SB03S | 1-Dec-90 | 14 | LM18 | BKFANT | | 1 | UGG |
| LF1SB03S | 1-Dec-90 | 14 | LM18 | CHRY | | 2 | UGG |
| LF1SB03S | 1-Dec-90 | 14 | LM18 | FANT | | 3 | UGG |
| LF1SB03S | 1-Dec-90 | 14 | LM18 | PHANTR | | 1 | UGG |
| LF1SB03S | 1-Dec-90 | 14 | LM18 | PYR | | 2 | UGG |
| LF1SB04 | 11-Jan-91 | 14 | LM18 | 2MNAP | | 0.16 | UGG |
| LF1SB04 | 11-Jan-91 | 24 | LM18 | 2MNAP | | 0.12 | UGG |
| LF1SB04 | 11-Jan-91 | 14 | LM18 | PHANTR | | 0.065 | UGG |
| LF1SB04 | 11-Jan-91 | 24 | LM18 | PHANTR | | 0.054 | UGG |
| LF1SB05 | 12-Jan-91 | 14 | LM18 | 2MNAP | | 0.1 | UGG |
| LF1SB05 | 12-Jan-91 | 24 | LM18 | 2MNAP | | 0.13 | UGG |
| LF1SB05 | 12-Jan-91 | 0 | LM18 | BKFANT | | 0.18 | UGG |
| LF1SB05 | 12-Jan-91 | 0 | LM18 | CHRY | | 0.37 | UGG |
| LF1SB05 | 12-Jan-91 | 0 | LM18 | FANT | | 0.54 | UGG |
| LF1SB05 | 12-Jan-91 | 0 | LM18 | PHANTR | | 0.2 | UGG |
| LF1SB05 | 12-Jan-91 | 14 | LM18 | PHANTR | | 0.052 | UGG |
| LF1SB05 | 12-Jan-91 | 24 | LM18 | PHANTR | | 0.064 | UGG |
| LF1SB05 | 12-Jan-91 | 0 | LM18 | PYR | | 0.52 | UGG |
| LF2SB01 | 24-Jan-91 | 0 | LM18 | PYR | | 10 | UGG |
| LF2SB01 | 24-Jan-91 | 0 | LM18 | PHANTR | | 9 | UGG |
| LF2SB01 | 25-Jan-91 | 24 | LM18 | PHANTR | | 0.066 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | ANTRC | | 0.12 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | BAANTR | | 0.37 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | BAPYR | | 0.43 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | BBFANT | | 0.54 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | BKFANT | | 0.32 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | CHRY | | 0.69 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | FANT | | 0.99 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | FLRENE | | 0.063 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | PHANTR | | 0.51 | UGG |
| LF2SB02 | 13-Jan-91 | 10 | LM18 | PHANTR | | 0.042 | UGG |
| LF2SB02 | 13-Jan-91 | 0 | LM18 | PYR | | 0.9 | UGG |
| LF2SB04D | 8-Jan-91 | 6 | LM18 | PHANTR | | 0.045 | UGG |
| LF2SB04D | 8-Jan-91 | 29 | LM18 | PHANTR | | 0.052 | UGG |
| LF2SB05D | 10-Jan-91 | 6 | LM18 | CHRY | | 0.33 | UGG |
| LF2SB05D | 10-Jan-91 | 6 | LM18 | PHANTR | | 0.11 | UGG |
| LF2SB05D | 10-Jan-91 | 6 | LM18 | FANT | | 0.21 | UGG |
| LF2SB05D | 10-Jan-91 | 6 | LM18 | PYR | | 0.29 | UGG |

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| LF2SB05D | 10-Jan-91 | 6 | LM18 | BKFANT | | 0.17 | UGG |
| LF2SB05D | 11-Jan-91 | 38 | LM18 | PHANTR | | 0.082 | UGG |
| LF2SB05D | 11-Jan-91 | 38 | LM18 | 2MNAP | | 0.1 | UGG |
| LF2SB06D | 13-Jan-91 | 10 | LM18 | 2MNAP | | 0.092 | UGG |
| LF2SB06D | 13-Jan-91 | 10 | LM18 | PHANTR | | 0.13 | UGG |
| LF2SB07D | 14-Jan-91 | 18 | LM18 | PHANTR | | 0.041 | UGG |
| LF2SB07D | 14-Jan-91 | 6 | LM18 | PHANTR | | 0.047 | UGG |
| LF2SB07D | 15-Jan-91 | 32 | LM18 | PHANTR | | 0.095 | UGG |
| LF2SB07D | 15-Jan-91 | 32 | LM18 | 2MNAP | | 0.12 | UGG |
| LF2SB08 | 23-Jul-91 | 2 | LM18 | FANT | | 0.11 | UGG |
| LF2SB08 | 23-Jul-91 | 2 | LM18 | PHANTR | | 0.042 | UGG |
| LF2SB08 | 23-Jul-91 | 2 | LM18 | PYR | | 0.097 | UGG |
| LF2SB09 | 24-Jul-91 | 28 | LM18 | 2MNAP | | 0.086 | UGG |
| LF2SB09 | 24-Jul-91 | 28 | LM18 | PHANTR | | 0.061 | UGG |
| LF3SB02 | 11-Feb-91 | 34 | LM18 | PHANTR | | 0.048 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | FLRENE | | 0.5 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | FANT | | 3 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | CHRY | | 2 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | BKFANT | | 1 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | PYR | | 3 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | PHANTR | | 4 | UGG |
| LF3SB03 | 27-Jan-91 | 1 | LM18 | ANTRC | | 0.9 | UGG |
| LF3SB03 | 28-Jan-91 | 30 | LM18 | 2MNAP | | 0.077 | UGG |
| LF3SB03 | 28-Jan-91 | 30 | LM18 | PHANTR | | 0.055 | UGG |
| LF3SB04D | 4-Feb-91 | 0 | LM18 | PHANTR | | 0.055 | UGG |
| LF3SB04D | 4-Feb-91 | 0 | LM18 | PYR | | 0.098 | UGG |
| LF5SB03 | 6-Feb-91 | 2 | LM18 | FANT | | 0.092 | UGG |
| LF5SB03 | 6-Feb-91 | 2 | LM18 | PHANTR | | 0.081 | UGG |
| LF5SB03 | 6-Feb-91 | 2 | LM18 | PYR | | 0.13 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | 2MNAP | | 0.1 | UGG |
| LF5SB04D | 7-Feb-91 | 10 | LM18 | 2MNAP | | 0.073 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | ANTRC | | 0.11 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | FANT | | 0.24 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | FLRENE | | 0.068 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | NAP | | 0.13 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | PHANTR | | 0.25 | UGG |
| LF5SB04D | 7-Feb-91 | 10 | LM18 | PHANTR | | 0.047 | UGG |
| LF5SB04D | 7-Feb-91 | 6 | LM18 | PYR | | 0.19 | UGG |
| LF7LCS | 16-May-91 | 17.1 | LM18 | PYR | | 0.36 | UGG |
| LF7LCS | 16-May-91 | 17.1 | LM18 | PHANTR | | 0.2 | UGG |
| LF7LCS | 16-May-91 | 17.1 | LM18 | FANT | | 0.42 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | ANTRC | | 0.063 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | BKFANT | | 0.1 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | CHRY | | 0.18 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | FANT | | 0.26 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | PHANTR | | 0.22 | UGG |
| LF7SB04D | 23-Jan-91 | 4 | LM18 | PHANTR | | 0.054 | UGG |
| LF7SB04D | 23-Jan-91 | 0 | LM18 | PYR | | 0.27 | UGG |
| LF7SB06D | 25-Jul-91 | 18 | LM18 | PHANTR | | 0.048 | UGG |
| LF7SB06D | 25-Jul-91 | 30 | LM18 | PHANTR | | 0.072 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | ANTRC | | 0.11 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | BBFANT | | 0.52 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | PYR | | 0.79 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | PHANTR | | 0.5 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | FANT | | 0.76 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | CHRY | | 0.49 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | BKFANT | | 0.25 | UGG |
| LF7SEEPNW | 2-May-91 | 0 | LM18 | BAANTR | | 0.33 | UGG |
| MFPSB01 | 25-Jan-91 | 14 | LM18 | PHANTR | | 0.04 | UGG |
| OD-1 | 1-May-91 | 0 | LM18 | PHANTR | | 0.052 | UGG |

Table 8: PAH Detections in Soil

| Site ID | Sample Date | Depth (ft) | Method | Test Name | Boolean | Value | Units |
|---|---|---|---|---|---|---|---|
| OD-2 | 1-May-91 | 0 | LM18 | 2MNAP | | 0.096 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | ANAPNE | | 0.18 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | ANTRC | | 0.31 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | BAANTR | | 0.47 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | BAPYR | | 0.49 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | BBFANT | | 0.72 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | BKFANT | | 0.38 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | CHRY | | 0.62 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | FANT | | 1.1 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | FLRENE | | 0.3 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | PHANTR | | 1.2 | UGG |
| OD-2 | 1-May-91 | 0 | LM18 | PYR | | 1.6 | UGG |
| SB-LF7 | 13-May-91 | 0 | LM18 | PHANTR | | 3 | UGG |
| SB-LF7 | 13-May-91 | 0 | LM18 | PYR | | 3 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | ANAPNE | | 0.22 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | ANTRC | | 7.1 | UGG |
| VES6TP1 | 5-Mar-91 | 8 | LM18 | ANTRC | | 0.83 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | CHRY | | 0.69 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | FANT | | 0.84 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | FLRENE | | 0.61 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | NAP | | 0.1 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | PHANTR | | 1.8 | UGG |
| VES6TP1 | 5-Mar-91 | 8 | LM18 | PHANTR | | 0.086 | UGG |
| VES6TP1 | 5-Mar-91 | 3 | LM18 | PYR | | 0.62 | UGG |
| VES6TP3 | 12-Feb-91 | 2 | LM18 | BKFANT | | 0.15 | UGG |
| VES6TP3 | 12-Feb-91 | 2 | LM18 | CHRY | | 0.22 | UGG |
| VES6TP3 | 12-Feb-91 | 2 | LM18 | FANT | | 0.3 | UGG |
| VES6TP3 | 12-Feb-91 | 2 | LM18 | PHANTR | | 0.12 | UGG |
| VES6TP3 | 12-Feb-91 | 2 | LM18 | PYR | | 0.27 | UGG |
| VES9TP3 | 7-Mar-91 | 3 | LM18 | 1MNAP | | 1.3 | UGG |
| VES9TP3 | 7-Mar-91 | 1.7 | LM18 | 2MNAP | | 0.16 | UGG |
| VES9TP3 | 7-Mar-91 | 3 | LM18 | 2MNAP | | 1.5 | UGG |
| VES9TP3 | 7-Mar-91 | 3 | LM18 | FLRENE | | 0.081 | UGG |
| VES9TP3 | 7-Mar-91 | 1.7 | LM18 | NAP | | 0.14 | UGG |
| VES9TP3 | 7-Mar-91 | 3 | LM18 | NAP | | 0.46 | UGG |
| VES9TP3 | 7-Mar-91 | 3 | LM18 | PHANTR | | 0.17 | UGG |

| Table 9: Site Risk Summary | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Fort Sheridan Data Usability and Resampling Proposal | | | | | | | | | | |
| | | Percentage of J Qualified Analytes | | | | | | | | |
| | | In Each Sample-Maximum, Minimum | | | | | | | | |
| | | and Average for Each RI Site | | | Current | | Future | | Risk | |
| Site | | Max % Qual | Min % Qual | Ave % Qual | Risk | HQ | Risk | HQ | Drivers | |
| Landfill 1 | | 40.70% | 11.80% | 25.96% | 5.30E-09 | 5.40E-05 | 2.10E-06 | 0.83 | NL | |
| Landfill 2 | | 40.00% | 10.59% | 19.65% | 1.20E-07 | 1.30E-04 | 1.20E-05 | 0.0031 | PAHs | |
| Landfill 3 | | 56.50% | 11.32% | 29.58% | 7.30E-07 | 1.00E+00 | 1.00E-05 | 9 | DDT/RDX, thallium | |
| Landfill 4 | | (incl in LF 3) | | | | | | | | |
| Landfill 5 | | 56.25% | 14.20% | 35.18% | None | 1.20E-02 | None | 1.8 | Thallium | |
| Landfill 6 | | 30.00% | 15.63% | 22.37% | 8.00E-07 | 1.00E+00 | 1.10E-05 | 9.4 | Thallium/RDX/DDT | |
| Landfill 7 | | 58.73% | 9.47% | 19.85% | 3.80E-05 | 3.40E-01 | 6.70E-05 | 4.7 | Tl, Cr,VC | |
| Coal Storage Area 1 | | 35.25% | 15.83% | 24.11% | None | 1.10E-01 | 1.90E-06 | 2.5 | Tl | |
| Coal Storage Area 2 | | 16.39% | 14.88% | 15.49% | | | 1.00E-05 | 2.7 | Zn, DDT, RDX | |
| Coal Storage Area 3 | | 36.62% | 25.41% | 30.24% | 1.30E-06 | 1.30E-02 | 3.00E-04 | 9.1 | PAHs,Tl, Zn | |
| Coal Storage Area 4 | | 69.47% | 17.29% | 52.09% | 9.50E-06 | 1.70E-02 | 2.00E-03 | 8.6 | PAHs,Tl, Zn | |
| Underground Storage Tank at Bldg 115 | | (No longer in RI) | | | | | | | | |
| Underground Storage Tank at Bldg 125 | | (No longer in RI) | | | | | | | | |
| Underground Storage Tank at Bldg 208 | | (No longer in RI) | | | | | | | | |
| Vehicle and Equipment Storage Area 1 | | 13.48% | 2.21% | 7.58% | | | 1.00E-05 | 2.7 | Zn,DDT,RDX | |
| Vehicle and Equipment Storage Area 2 | | 2.21% | 2.21% | 4.15% | | | 1.00E-05 | 2.7 | Zn,DDT,RDX | |
| Vehicle and Equipment Storage Area 5 | | 23.03% | 2.22% | 8.61% | | 3.10E-08 | 1.90E-06 | 0.83 | SO4,Cl | |
| Vehicle and Equipment Storage Area 6 | | 21.43% | 2.22% | 9.85% | 2.90E-08 | 8.20E-05 | 2.10E-06 | 0.83 | SO4,Cl | |
| Vehicle and Equipment Storage Area 7 | | 13.99% | 2.22% | 5.13% | 6.80E-07 | 3.40E-01 | 1.00E-05 | 2.7 | Zn,DDT,RDX | |
| Vehicle and Equipment Storage Area 9 | | 25.45% | 2.22% | 9.53% | None | 5.40E-06 | None | 0.00045 | NL | |
| Bldgs 137X, 137,and 139 Storage Area | | 21.23% | 11.32% | 14.53% | 1.30E-06 | 3.10E-02 | 3.20E-06 | 0.84 | NL | |
| Building 122 Storage Area | | 46.77% | 20.32% | 29.48% | 1.40E-06 | 1.40E-02 | 9.50E-06 | 0.87 | PAHs | |
| Miscellaneous Yard Area at Bldg 126 | | 79.25% | 54.17% | 68.43% | 1.10E-06 | 2.80E-02 | 2.10E-06 | 0.14 | NL | |
| Miscellaneous Yard Area at Bldg 128 | | 9.15% | 5.19% | 7.53% | | | 1.90E-06 | 0.83 | NL | |
| Miscellaneous Yard Area at Bldg 216 | | (No data in IRDMIS) | | | | | 6.60E-05 | 4.4 | Cr | |
| Miscellaneous Yard Area at Bldg 368 | | 23.08% | 1.47% | 13.00% | 2.90E-06 | 5.70E-02 | 6.90E-05 | 3.7 | Cr, PAHs | |
| Miscellaneous Yard Area at Bldg 377 | | 44.44% | 26.85% | 33.88% | 1.20E-06 | 9.00E-02 | 3.30E-05 | 6.1 | Cr | |
| Miscellaneous Yard Area at Bldg 902 | | 18.83% | 1.48% | 7.98% | | 1.00E-08 | 1.90E-06 | 0.83 | NL | |
| Building 43 | | 45.41% | 39.87% | 42.64% | | | | | NL | |
| Building 70 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Building 122 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Building 137 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Building 139 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Building 142 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Building 361 | | (building interiors; no longer in RI but now in EBS) | | | | | | | | |
| Missile Fueling Point | | 38.71% | 17.34% | 26.61% | | 1.30E-02 | 1.90E-06 | 2.2 | Tl,RDX | |
| NIKE Missile Silos | | 81.48% | 5.34% | 20.50% | | | | | NL | |
| Janes Ravine | | 38.27% | 20.92% | 27.29% | 3.90E-06 | 5.40E-01 | 2.10E-05 | 1.6 | DDD,DDT | |
| Airport Drain | | 31.32% | 15.73% | 23.52% | Lead | 3.10E-02 | Lead | 0.018 | NL | |
| Hutchinson Ravine | | 30.11% | 7.65% | 14.43% | 6.70E-08 | 5.10E-02 | 3.60E-07 | 0.057 | NL | |
| Scott Loop Drain | | 24.44% | 12.50% | 18.47% | 3.80E-06 | 3.20E-02 | 2.10E-05 | 0.034 | PAHs | |
| Bartlett Ravine | | 25.42% | 17.68% | 21.24% | 1.40E-04 | 6.60E+00 | 7.80E-04 | 7.5 | B2EHPH,MeCl,lead | |
| Officer Family Housing Drain | | 24.31% | 10.78% | 17.54% | Lead | 2.80E-02 | Lead | 0.028 | NL | |
| Van Horne Ravine | | 14.94% | 8.70% | 10.85% | 5.20E-07 | 5.30E-02 | 2.80E-06 | 0.054 | NL | |
| Wells Ravine | | 16.17% | 9.43% | 12.49% | | | | | NL | |
| Shenck Ravine | | 22.54% | 10.56% | 16.55% | Lead | 2.50E-02 | Lead | 0.025 | NL | |
| | | | | | | | | | | |
| Legend: | | | | | | | | | | |
| B2EHPH | Bis-2-ethylhexyl phthalate | | | | | | | | | |
| Cl | Chloride | | | | | | | | | |
| Cr | Chromium | | | | | | | | | |
| DDD | DDD | | | | | | | | | |
| DDT | DDT | | | | | | | | | |
| Lead | Lead | | | | | | | | | |
| LEAD | Lead was only carcinogen found; UBK used instead of risk calculations | | | | | | | | | |
| MeCl | Methylene Chloride | | | | | | | | | |
| NL | Not listed in the RI | | | | | | | | | |
| PAHs | PAHs | | | | | | | | | |
| RDX | RDX | | | | | | | | | |
| SO4 | Sulfate | | | | | | | | | |
| Tl | Thallium | | | | | | | | | |
| VC | Vinyl Chloride | | | | | | | | | |
| Zn | Zinc | | | | | | | | | |